

U.S. vs. International Air Quality Trends

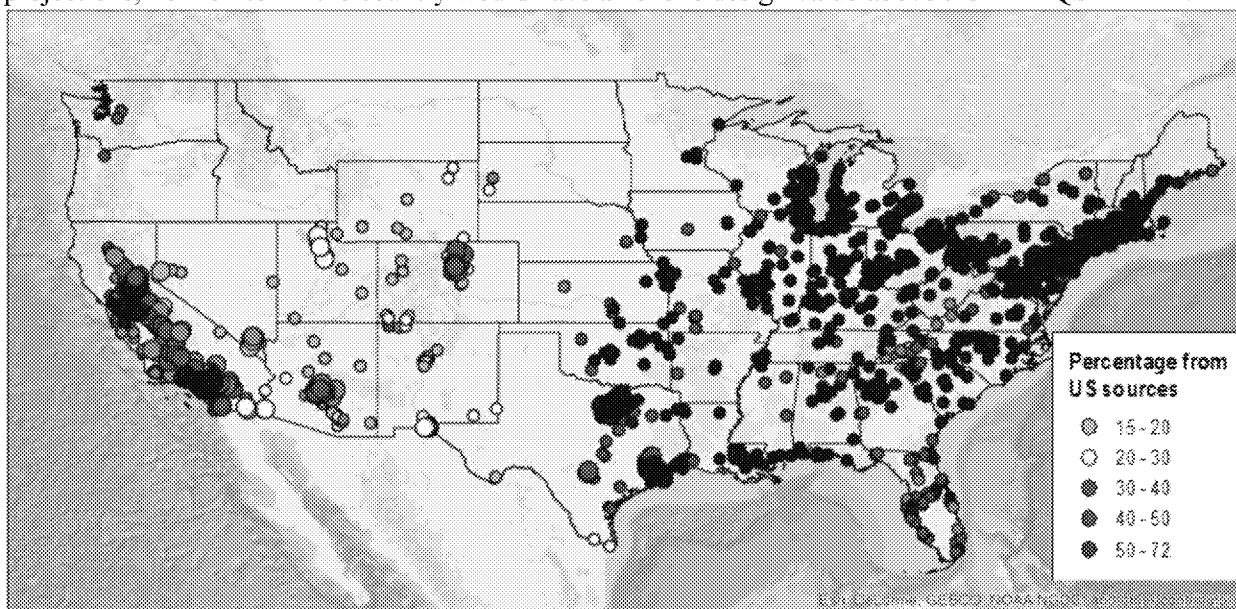
- The U.S. leads the world in having clean air and a strong economy due to implementation of the Clean Air Act and technological advancements from American innovators.
- Since 1970, the combined emissions of the six criteria pollutants (ozone, particulate matter, lead, carbon monoxide, sulfur dioxide, and nitrogen dioxide) dropped by 73 percent. This progress occurred while the U.S. economy continued to grow, Americans drove more miles and population and energy use increased. These trends have accelerated with emissions of nitrogen oxides, sulfur dioxide, and carbon monoxide more than 50 percent below 1990 levels.
- According to data from the [[HYPERLINK "http://maps.who.int/airpollution/"](http://maps.who.int/airpollution/)], the U.S. has some of the lowest population-weighted fine particulate matter levels in the world, more than five times below the global average, seven times below Chinese levels, and well below France, Germany, Mexico, and Russia.
- The U.S. also leads all countries in reducing carbon dioxide emissions, with double digit percentage reductions since 2005. This is by far the most significant reduction of any country in the world over that period.
- From 2006 to 2016, U.S. emissions of air toxics decreased by 58 percent.
- Visibility in our national parks and wilderness areas have also improved dramatically, with average visual range in the eastern U.S. improving to 70 miles from 50 miles in 2000 and, in western parks and wilderness areas, average visual range improving from 90 miles to 120 miles over the same period.

Role of Background and International Contributions

- Background and international air pollution emissions have a significant impact on ambient ozone, particulate matter, and regional haze concentrations in the United States. For example, EPA has recognized that “contributions to U.S. ozone concentrations from sources outside of the U.S., which can be from nearby sources in a bordering country or from sources many thousands of miles away, can affect to varying degrees the ability of some areas to attain and maintain the 2015 ozone NAAQS.”
- More than half of state environmental agencies commenting on the revisions to the ozone NAAQS in 2015 identified background or international contributions as a challenge under the revised standard.
- EPA’s Ozone Cooperative Compliance Task Force is working to fully understand the role of background ozone levels and appropriately account for international transport.
- While domestic manmade emissions are the largest contributor to ozone design values at most locations, border areas and the Intermountain West have more long range contributions (both natural and anthropogenic).

Recent Scientific Developments on International Transport

- Estimating and quantifying the contribution of international emissions involves use of regional and global photochemical models, and is also informed by coastal and remote monitors.
- Most estimates for U.S. ozone values suggest that, during summer ozone seasons, between 1 to 10 parts per billion (ppb) come from international contributions, with higher values at some sites.
- Recent studies, including from researchers at U.S. EPA and NASA, indicate that [HYPERLINK "<https://tes.jpl.nasa.gov/uploadedfiles/VerstraetenRapid-incaa2015.pdf>"] and [HYPERLINK "<https://www.atmos-chem-phys.net/17/2943/2017/>"]. A [HYPERLINK "<https://www.atmos-chem-phys.net/17/9931/2017/acp-17-9931-2017.pdf>"] published in August 2017 found that boundary conditions contributed an average of 57 ppb in Denver for the 30 days with the highest ozone levels in 2010.
- Researchers from NOAA [HYPERLINK "<http://docs.house.gov/meetings/IF/IF03/20150612/103590/HHRG-114-IF03-20150612-SD004.pdf>"] in *Science* that attaining the 2015 ozone NAAQS “may be particularly challenging in high elevations of the western United States, which are more likely to be affected by ozone that has been transported long distances or that originated in the stratosphere.”
- In order to address [HYPERLINK "<https://www.epa.gov/airmarkets/interstate-air-pollution-transport>"], EPA model projections show the percentage of U.S. manmade sources contribute to ozone monitors in 2017 (map below). For more than 35 monitor locations in 8 states, U.S. anthropogenic sources represent less than 25 percent of the total. Concerns about these international contributions have been raised by geographically diverse stakeholders, including the Texas Commission on Environmental Quality, Ohio EPA, and the Western States Air Resources Council. If boundary and initial conditions, and Canadian and Mexican emissions are removed from these projections, no monitor in the country would have an ozone design value above the NAAQS in 2017.



Organizer: Marsh, Karen[Marsh.Karen@epa.gov]
From: Marsh, Karen
Location: Skype Meeting
Importance: Normal
Subject: IPAA Discussion on AMELs
Start Time: Mon 7/1/2019 6:00:00 PM
End Time: Mon 7/1/2019 7:30:00 PM
Required Attendees: Garwood, Gerri; Shappley, Ned; Fruh, Steve; Lee Fuller; Kern, Gretchen (Gretchen.Kern@pxd.com); Dewees, Jason; Macpherson, Alex; Bielen, David
Optional Attendees: Hambrick, Amy; Witt, Jon; Witosky, Matthew; Eisele, Adam; James D. Elliott; Drew Pomerantz; Ferguson, Gregory; DeFigueiredo, Mark

IPAA has asked for an additional discussion specific to AMELs in NSPS OOOOa. This is a skype discussion.

Lee – please forward to others on your end.

Use the link below to access the skype meeting.

Call in: Ex. 6 Personal Privacy (PP) no passcode

Local RTP room: D201

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Join Skype Meeting

Trouble Joining? [Try Skype Web App](#)

[Help](#)

.....

Message

From: Hambrick, Amy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=787B0A3376944FCABAED4F018432CF44-AHAMBRIC]
Sent: 11/27/2018 4:36:01 PM
To: Matthew Todd [ToddM@api.org]
CC: Marsh, Karen [Marsh.Karen@epa.gov]
Subject: RE: Please send attendees names and your agenda ASAP.

Thank you

Amy Hambrick
U.S. Environmental Protection Agency
(919)541-0964

From: Matthew Todd <ToddM@api.org>
Sent: Tuesday, November 27, 2018 11:35 AM
To: Hambrick, Amy <Hambrick.Amy@epa.gov>
Cc: Marsh, Karen <Marsh.Karen@epa.gov>
Subject: RE: Please send attendees names and your agenda ASAP.

Amy,

I just spoke to Karen Marsh and she reminded me to send this to you. Copied below is the list of expected attendees for the meeting. As far as an agenda, we hope to seek some clarifications on all of the major components of the proposed NSPS OOOOa rule and likely in the following order:

- Fugitive Emissions
- AMEL – State Equivalency and New Tech Approval
- Storage Vessels
- Pneumatic Pumps
- PE Certification
- Closed Vent Systems
- Well Completions
- Recordkeeping/Reporting

Thanks,

Matt

-
1. Grover Campbell, Devon
 2. Angela Zivkovich, Anadarko
 3. Dana Wood, BP
 4. Phil Schlagel, Noble Energy
 5. Greg Johnston, Chesapeake
 6. Karen Pratt, XTO Energy
 7. Bill Bailey, Cimarex
 8. Adam Berig, Encana
 9. Wendy Gram, Marathon Oil
 10. Shankar Ananthakrishna, Chevron

11. Brad Morello, Shell
12. Doug Jordan, Newfield
13. Adrienne Sandoval, Marathon Petroleum
14. Gretchen Kern, Pioneer
15. Andy Woerner, ERM
16. Denise Grubert, ERM
17. Matt Todd, API

From: Hambrick, Amy <Hambrick.Amy@epa.gov>

Sent: Tuesday, November 27, 2018 11:21 AM

To: Matthew Todd <ToddM@api.org>

Subject: Please send attendees names and your agenda ASAP.

Matt- Please send the API attendees names and your agenda ASAP for our meeting tomorrow. Thank you.

Amy

Amy Hambrick
U.S. Environmental Protection Agency
(919)541-0964

Message

From: Hambrick, Amy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=787B0A3376944FCABAED4F018432CF44-AHAMBRIC]
Sent: 11/27/2018 3:40:07 PM
To: Matthew Hite [mhite@gpamidstream.org]
Subject: RE: EPA Meeting in DC

Thanks Matt.

Amy Hambrick
U.S. Environmental Protection Agency
(919)541-0964

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Monday, November 26, 2018 6:13 PM
To: Hambrick, Amy <Hambrick.Amy@epa.gov>
Subject: EPA Meeting in DC

Hi Amy,

I wanted to let you know that we are meeting with Mandy at EPA on Thursday to discuss the Quad OOOOa Technical Package. Below are the items we plan on discussing. I am not sure if you guys are calling in but wanted to let you know what we are doing. Hope this helps and please let me know if you need anything from me.

EPA Meeting 11/28:

- Cost Benefit Analysis
 - Model Plant Assumptions
 - 1996 EPA/GRI Study
 - Leak Frequency Assumptions
 - 2011 Uniform Standards Memorandum
- Leak Detection Monitoring
 - Annual vs. Quarterly Monitoring
 - Annual Requirement to monitoring in operating mode
 - Target Emissions Services Memo

Thanks

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 ½ Pennsylvania Avenue, SE
Washington, DC 20003
(Ex. 6 Personal Privacy (PP))
mhite@GPAMidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700

Tulsa, Oklahoma 74135
www.GPAmidstream.org

Message

From: Hambrick, Amy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=787B0A3376944FCABAED4F018432CF44-AHAMBRIC]
Sent: 11/2/2018 3:56:36 PM
To: Matthew Hite [mhite@gpamidstream.org]
CC: Cozzie, David [Cozzie.David@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]
Subject: RE: Meeting Request

Looks great, thanks.

Amy Hambrick
U.S. Environmental Protection Agency
(919)541-0964

From: Matthew Hite [mailto:mhite@gpamidstream.org]
Sent: Thursday, November 01, 2018 5:06 PM
To: Hambrick, Amy <Hambrick.Amy@epa.gov>
Cc: Cozzie, David <Cozzie.David@epa.gov>; Marsh, Karen <Marsh.Karen@epa.gov>
Subject: RE: Meeting Request

Hi Amy,

Thanks again for your help with next week's meeting. Below is a list of attendees and our proposed agenda. Please let me know if you have any questions and if this is okay with you.

Thanks

Matt

Attendees:

Adrienne Sandoval: Marathon Petroleum- Federal Regulatory Issues Specialist (CO)
Jaron Hill: Tapstone Energy- Sr. Environmental Specialist (OK)
Melanie Roberts: Targa- Director Air Programs (TX)
Jenna Resnik: Kinder Morgan- EHS Director (CO)
Matt Hite: GPA Midstream Assoc.- VP of Government Affairs (VA)

Meeting Agenda 11/6/2018 9:00-12:00

Fugitive Emissions Monitoring:

- Discuss G&B fugitive emissions data
- Compressor operating modes
 - Annual requirement to monitor in operating mode
- 60 day start up requirement
- Modification of compressor station
- Repair Requirements

Technical Support Documents

- Model plant
- Cost/benefit evaluations

Well site definition

Monitoring Plan

AMEL

- State equivalency determinations
- Complications

Gas Plant CPI

From: Hambrick, Amy [<mailto:Hambrick.Amy@epa.gov>]
Sent: Thursday, October 18, 2018 3:20 PM
To: Matthew Hite
Cc: Cozzie, David; Marsh, Karen
Subject: RE: Meeting Request

Matt- thanks for talking this afternoon. As discussed, I think 9-12p on Tuesday, November 6 will work. I put a hold on folks calendars here. Please send an agenda and list of folks coming.

Regards,

Amy

Amy Hambrick
U.S. Environmental Protection Agency
(919)541-0964

From: Matthew Hite [<mailto:mhite@gpamidstream.org>]
Sent: Thursday, October 18, 2018 11:31 AM
To: Hambrick, Amy <Hambrick.Amy@epa.gov>
Cc: Cozzie, David <Cozzie.David@epa.gov>; Marsh, Karen <Marsh.Karen@epa.gov>
Subject: RE: Meeting Request

Thanks Amy much appreciated.

Matt

From: Hambrick, Amy [<mailto:Hambrick.Amy@epa.gov>]
Sent: Thursday, October 18, 2018 11:03 AM
To: Matthew Hite
Cc: Cozzie, David; Marsh, Karen
Subject: RE: Meeting Request

Hi Matt- Thanks for your email. Yes, we can set something up that week. I'll connect with you later today and we can sort out the specifics.

Regards,

Amy

Amy Hambrick
U.S. Environmental Protection Agency
(919)541-0964

From: Matthew Hite [<mailto:mhite@gpamidstream.org>]
Sent: Thursday, October 18, 2018 10:57 AM
To: Hambrick, Amy <Hambrick.Amy@epa.gov>
Cc: Cozzie, David <Cozzie.David@epa.gov>; Marsh, Karen <Marsh.Karen@epa.gov>
Subject: Meeting Request

Hi Amy,

Lisa Thompson told me that I should reach out to you. I was wondering if myself and a couple GPA Midstream members could come into visit with you and the team the week of Nov 5th to discuss the recent Quad OOOOa technical package that was recently published in the federal register. We were hoping to see if we could meet for a couple hours in the morning if that would be possible.

Thanks for your help and please let me know if you need anything else.

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 ½ Pennsylvania Avenue, SE
Washington, DC 20003
Ex. 6 Personal Privacy (PP)
mhite@GPAmidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

Message

From: idsal.anne@epa.gov [idsal.anne@epa.gov]
Sent: 9/14/2019 1:22:45 AM
To: Smythe Anderson [AndersonS@api.org]
CC: Jacks, Susan [Jacks.Susan@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]
Subject: Re: API Mtg Request - OOOOa

Smythe,

I'm sure Susan and Delaney can find some time on the calendar to discuss the OOOOa technical package. Thanks for reaching out.

Best,
Anne

Sent from my iPhone

On Sep 13, 2019, at 3:46 PM, Smythe Anderson <AndersonS@api.org> wrote:

Anne –

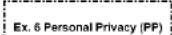
Hope you have had a great week.

On behalf of API's member companies, I would like to request a meeting to discuss the technical amendments to OOOOa. As EPA moves towards finalizing this rule, we would like to share additional detail on industry's priorities. Given the range of issues before OAR, I know how busy you must be. If you have any availability over the next couple of weeks, we would be happy to accommodate your schedule.

Thanks in advance for your consideration,
Smythe

Smythe Anderson

Director of Federal Relations

API | 200 Massachusetts Ave NW | Washington, DC 20001 |  M:

(b) (6) | AndersonS@api.org

<image001.png>

Message

From: Idsal, Anne [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B1BECA8121FB47A08E82B6BF2247A79B-IDSAL, ANNE]
Sent: 5/29/2019 5:50:31 PM
To: Smythe Anderson [AndersonS@api.org]
CC: Dominguez, Alexander [dominguez.alexander@epa.gov]; Jacks, Susan [Jacks.Susan@epa.gov]
Subject: RE: Contact Info

Good afternoon Smythe,

I'd be happy to meet to discuss OAR priorities. I've CC'd Susan Jacks to help with scheduling. Thanks for reaching out and hope you had a good Memorial Day weekend.

Best,
Anne

From: Smythe Anderson <AndersonS@api.org>
Sent: Wednesday, May 29, 2019 10:09 AM
To: Idsal, Anne <idsal.anne@epa.gov>
Cc: Dominguez, Alexander <dominguez.alexander@epa.gov>
Subject: RE: Contact Info

Anne –

Great to meet you, too, and look forward to working with you in your new capacity at EPA.

On behalf of API's member companies, I would like to request a meeting to provide an overview of industry's OAR priorities. I defer to your judgment on who else, if anyone, should be included for this introductory engagement. I expect to be joined by member company representatives and API staff. Are there any dates during the weeks of June 3, June 10 or June 24 that work well on your end?

Thanks in advance for your consideration,
Smythe

From: Idsal, Anne <idsal.anne@epa.gov>
Sent: Tuesday, April 30, 2019 9:28 AM
To: Idsal, Anne <idsal.anne@epa.gov>
Subject: Contact Info

Good morning,

It was a pleasure meeting all of you over the past week and I wanted to take this opportunity to email you with my contact information. I look forward to working with you on OAR related issues and being in touch.

Best,
Anne

Anne L. Idsal
Principal Deputy Assistant Administrator
U.S. EPA – Office of Air and Radiation
(202)564-6685 (direct)

Ex. 6 Personal Privacy (PP) (cell)

Organizer: Leopold, Matt (OGC)[Leopold.Matt@epa.gov]
From: Veney, Carla
Location: EPA Headquarters, 1200 Pennsylvania Ave. NW (William Jefferson Clinton Building), 4th floor, Room 4000
Importance: Normal
Subject: EPA/API Meeting
Start Time: Mon 10/15/2018 3:30:00 PM
End Time: Mon 10/15/2018 4:00:00 PM
Required Attendees: 'Stacy Linden'; Leigh Ann Brown; Schwab, Justin
Optional Attendees: John Wagner

Organizer: Leopold, Matt[Leopold.Matt@epa.gov]
From: Veney, Carla
Location: EPA Headquarters, 1200 Pennsylvania Ave. NW (William Jefferson Clinton Building), 4th Floor, Room 4045
Importance: Normal
Subject: Industry Open House Meeting
Start Time: Wed 5/16/2018 6:00:00 PM
End Time: Wed 5/16/2018 7:00:00 PM
Required Attendees: rlattimore@croplifeamerica.org; 'syager@beef.org'; 'mhart@beef.org'; 'tward@nahb.org'; 'brooks.smith@troutmansanders.com'; akoethe@aar.org; brownl@api.org; wagner@api.org; lindens@api.org; rmoskowitz@afpm.org; msonnesyn@brt.org; 'rgoss@itic.org'; JRizzo@nahb.org; Jan_Poling@afandpa.org; formicam@nppc.org; ellens@fb.org; ksweeney@nma.org; 'gcrandall@umwa.org'; dell_perelman@americanchemistry.com; Baptist, Erik; Schwab, Justin; Fotouhi, David; Burke, Marcella; Albores, Richard; Epp, Timothy; Siciliano, CarolAnn; lkelly@nam.org; ptolsdorf@nam.org; Neugeboren, Steven; Michaud, John; Srinivasan, Gautam; Minoli, Kevin; Aspatore, Amanda
Optional Attendees: Scott Yager; Veney, Carla; Ward, Thomas; Smith, Brooks M.; Rick Goss

Organizer: Leopold, Matt (OGC)[Leopold.Matt@epa.gov]
From: Veney, Carla
Location: EPA Headquarters, 1200 Pennsylvania Ave. NW (William Jefferson Clinton Building), 4th floor, Room 4000
Importance: Normal
Subject: EPA/API Meeting
Start Time: Mon 10/15/2018 3:30:00 PM
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Required Attendees: 'Stacy Linden'; Leigh Ann Brown; Schwab, Justin
Optional Attendees: John Wagner


Please enter via our north side entrance off of 12th street. Upon clearing security, you will be escorted to Matt’s office. Also, please send Mr. Wagner’s email address to be added to the invite or you can just forward to him. Thank you.

Organizer: Leopold, Matt[Leopold.Matt@epa.gov]
From: Veney, Carla
Location: EPA Headquarters, 1200 Pennsylvania Ave. NW (William Jefferson Clinton Building), 4th Floor, Room 4045
Importance: Normal
Subject: Industry Open House Meeting
Start Time: Wed 5/16/2018 6:00:00 PM
End Time: Wed 5/16/2018 7:00:00 PM
Required Attendees: rlattimore@croplifeamerica.org; 'syager@beef.org'; 'mhart@beef.org'; 'tward@nahb.org'; 'brooks.smith@troutmansanders.com'; akoethe@aar.org; brownl@api.org; wagner@api.org; lindens@api.org; rmoskowitz@afpm.org; msonnesyn@brt.org; 'rgoss@itic.org'; JRizzo@nahb.org; Jan_Poling@afandpa.org; formicam@nppc.org; ellens@fb.org; ksweeney@nma.org; 'gcrandall@umwa.org'; dell_perelman@americanchemistry.com; Baptist, Erik; Schwab, Justin; Fotouhi, David; Burke, Marcella; Albores, Richard; Epp, Timothy; Siciliano, CarolAnn; lkelly@nam.org; ptolsdorf@nam.org; Neugeboren, Steven; Michaud, John; Srinivasan, Gautam; Minoli, Kevin; Aspatore, Amanda
Optional Attendees: Scott Yager; Veney, Carla; Ward, Thomas; Smith, Brooks M.; Rick Goss

Guests: Please enter through our North side entrance. Upon clearing security, someone will come down to escort you to our offices on the 4th floor. Contact OGC main line at 202-564-8040. Thank you.

From: Marsh, Karen
Location: RTP-Line-Ex: 5 Personal Privacy (PP) Phone-Line/RTP-Conf-Bridge; RTP-C300A-Max40/RTP-Bldg-C
Importance: Normal
Subject: Confirmed: API Discussion on AWP
Start Time: Thur 8/23/2018 1:00:00 PM
End Time: Thur 8/23/2018 4:00:00 PM
Required Attendees: Shine, Brenda; Lassiter, Penny; Dewees, Jason; Garwood, Gerri; Shappley, Ned; Nash, Dave; Fruh, Steve; Torres, Elineth; Wilwerding, Joseph; Loukeris, Constantinos; Mia, Marcia; Karin C. Ritter; Tsigotis, Peter
Optional Attendees: Patel, Ketan; Cozzie, David; Wayland, Richard; Hopperton, Michael R; Menten, Paula; Reese, J Derek; McGregor, Duane R

Appointment

From: Marsh, Karen [Marsh.Karen@epa.gov]
Sent: 8/7/2018 1:18:53 PM
To: Shine, Brenda [Shine.Brenda@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dewees, Jason [Dewees.Jason@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Nash, Dave [Nash.Dave@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; Torres, Elineth [Torres.Elineth@epa.gov]; Wilwerding, Joseph [Wilwerding.Joseph@epa.gov]; Loukeris, Constantinos [loukeris.constantinos@epa.gov]; Mia, Marcia [Mia.Marcia@epa.gov]; Karin C. Ritter [Ritterk@api.org]
CC: Patel, Ketan [Patel.Ketan@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]
Subject: Canceled: HOLD: API Discussion on AWP
Location: RTP-C300A-Max40/RTP-Bldg-C; RTP-Line  Phone-Line/RTP-Conf-Bridge
Start: 8/23/2018 1:00:00 PM
End: 8/23/2018 3:00:00 PM
Show Time As: Free
Importance: High

Organizer: Back, Tracy[back.tracy@epa.gov]
From: Back, Tracy
Location: Conf Call Number Provided
Importance: Normal
Subject: Energy Extraction Center Development
Start Time: Mon 8/27/2018 5:00:00 PM
End Time: Mon 8/27/2018 6:00:00 PM
Required Attendees: Stobierski, Lisa; George Cushni; Sandoval, Adrienne; mwhite@gpamidstream.org; Mia, Marcia; Lischinsky, Robert; Carbone, Chad; Kenney, James
Optional Attendees: Tunis, Catherine

Organizer: Marsh, Karen[Marsh.Karen@epa.gov]
From: Marsh, Karen
Location: RTP-C300A-Max40/RTP-Bldg-C; RTP-Line-Ex. 6 Personal Privacy (PPP) Phone-Line/RTP-Conf-Bridge
Importance: High
Subject: Canceled: HOLD: API Discussion on AWP
Start Time: Thur 8/23/2018 1:00:00 PM
End Time: Thur 8/23/2018 3:00:00 PM
Required Attendees: Shine, Brenda; Lassiter, Penny; Dewees, Jason; Garwood, Gerri; Shappley, Ned; Nash, Dave; Fruh, Steve; Torres, Elineth; Wilwerding, Joseph; Loukeris, Constantinos; Mia, Marcia; Karin C. Ritter
Optional Attendees: Patel, Ketan; Cozzie, David

Organizer: Marsh, Karen[Marsh.Karen@epa.gov]
From: Marsh, Karen
Location: RTP-Line Ex. 6 Personal Privacy (PP)/Phone-Line/RTP-Conf-Bridge; RTP-C300A-Max40/RTP-Bldg-C
Importance: Normal
Subject: Confirmed: API Discussion on AWP
Start Time: Thur 8/23/2018 1:00:00 PM
End Time: Thur 8/23/2018 4:00:00 PM
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Optional Attendees: Patel, Ketan; Cozzie, David; Wayland, Richard; Hopperton, Michael R; Menten, Paula; Reese, J Derek; McGregor, Duane R; Paul.Tupper@shell.com; Shea, Jennifer; Fournier, Jacob R.; Johnson, Steffan; Medeiros, Kevin

Organizer: Back, Tracy[back.tracy@epa.gov]
From: Back, Tracy
Location: Conf Call Number Provided
Importance: Normal
Subject: Energy Extraction Center Development
Start Time: Mon 8/27/2018 5:00:00 PM
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Required Attendees: Stobierski, Lisa; George Cushni; Sandoval, Adrienne; mwhite@gpamidstream.org; Mia, Marcia; Lischinsky, Robert; Carbone, Chad; Kenney, James
Optional Attendees: Tunis, Catherine

Call: Ex. 6 Personal Privacy (PP)
ID: Ex. 6 Personal Privacy (PP)

Share My Screen at: Ex. 6 Personal Privacy (PP)

Purpose:
Further discuss the development of a web-based energy extraction compliance assistance center. The center would serve as an easy access “first-stop-shop” for information regarding Federal and state environmental regulations that affect the exploration, extraction and production of oil and natural gas.

Background:
As part of EPA’s [compliance initiative to ensure that energy extraction activities are complying with environmental law](#), EPA will support an expansion of compliance assistance resources for the oil and natural gas industry. EPA’s Office of Enforcement and Compliance Assurance (OECA) welcomes participation from states and other organizations in the development of an Energy Extraction Compliance Assistance Center (CAC).

In the past, the EPA has partnered with industry, academic institutions, environmental groups and other agencies to develop web-based [Compliance Assistance Centers](#) for other industries. Each CAC addresses real world issues in their language – meaning language used by the regulated entities. Each CAC helps businesses, local governments and federal entities understand environmental requirements and save money through pollution prevention techniques. Our grantee for this effort is the National Center for Manufacturing Sciences (NCMS). NCMS has experience in developing multiple CAC with input and support from various stakeholders.

In 2013, NCMS began an effort to “digitize” and update [EPA’s Sector Notebook for the Oil and Gas Extraction Industry \(October 2000\)](#). This effort produced a [draft natural gas extraction compliance assistance website](#) (site links on this site have not been maintained.) At this time, EPA would like to work with NCMS and relevant stakeholders to expand upon this effort and create a current / robust CAC for the energy extraction sector. As envisioned, the Energy Extraction CAC will serve as a web-based resource which supports small and medium sized natural gas production companies and service companies by providing an easy access “one stop shop” for information regarding Federal EPA and state environmental regulations that affect the exploration, extraction, production and processing of natural gas.

EPA and NCMS are interested in talking with you about the availability of educational/compliance resources that can support the development of an Energy Extraction CAC.

Organizer: Marsh, Karen[Marsh.Karen@epa.gov]
From: Marsh, Karen
Location: RTP-Line [Ex. 6 Personal Privacy (PP)] Phone-Line/RTP-Conf-Bridge; RTP-C300A-Max40/RTP-Bldg-C
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Start Time: Thur 8/23/2018 1:00:00 PM
End Time: Thur 8/23/2018 4:00:00 PM
Required Attendees: Shine, Brenda; Lassiter, Penny; Dewees, Jason; Garwood, Gerri; Shappley, Ned; Fruh, Steve; Torres, Elineth; Wilwerding, Joseph; Loukeris, Constantinos; Mia, Marcia; Karin C. Ritter; Tsirigotis, Peter; Dalcher, DebraNash, Dave
Optional Attendees: Patel, Ketan; Cozzie, David; Wayland, Richard; Hopperton, Michael R; Menten, Paula; Reese, J Derek; McGregor, Duane R; Paul.Tupper@shell.com; Shea, Jennifer; Fournier, Jacob R.; Johnson, Steffan; Medeiros, Kevin

Note: Change in local room location (C300A), call in number is ([Ex. 6 Personal Privacy (PP)]) and extending an hour to allow for more time if needed.

- Tentative Discussion Items:
- Data from API
 - Expanded procedures document
 - MM2A update (from Elineth)

Organizer: Marsh, Karen[Marsh.Karen@epa.gov]
From: Marsh, Karen
Location: RTP-C300A-Max40/RTP-Bldg-C; RTP-Line-Ex. 6 Personal Privacy (PP)Phone-Line/RTP-Conf-Bridge
Importance: High
Subject: Canceled: HOLD: API Discussion on AWP
Start Time: Thur 8/23/2018 1:00:00 PM
End Time: Thur 8/23/2018 3:00:00 PM
Required Attendees: Shine, Brenda; Lassiter, Penny; Dewees, Jason; Garwood, Gerri; Shappley, Ned; Nash, Dave; Fruh, Steve; Torres, Elineth; Wilwerding, Joseph; Loukeris, Constantinos; Mia, Marcia; Karin C. Ritter
Optional Attendees: Patel, Ketan; Cozzie, David

API needs to reschedule again but needs time to coordinate schedules. I'll get this back on the calendars once I hear a new date/time.

Meeting rescheduled per request from API.

Tentative Discussion Items:
Data from API
Expanded procedures document
MM2A update (from Elineth)

Appointment

From: Marsh, Karen [Marsh.Karen@epa.gov]
Sent: 8/7/2018 1:18:53 PM
To: Shine, Brenda [Shine.Brenda@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dewees, Jason [Dewees.Jason@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Nash, Dave [Nash.Dave@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; Torres, Elineth [Torres.Elineth@epa.gov]; Wilwerding, Joseph [Wilwerding.Joseph@epa.gov]; Loukeris, Constantinos [loukeris.constantinos@epa.gov]; Mia, Marcia [Mia.Marcia@epa.gov]; Karin C. Ritter [Ritterk@api.org]
CC: Patel, Ketan [Patel.Ketan@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]
Subject: Canceled: HOLD: API Discussion on AWP
Location: RTP-C300A-Max40/RTP-Bldg-C; RTP-Line-Ex. 6 Personal Privacy (PP) Phone-Line/RTP-Conf-Bridge
Start: 8/23/2018 1:00:00 PM
End: 8/23/2018 3:00:00 PM
Show Time As: Free
Importance: High

API needs to reschedule again but needs time to coordinate schedules. I'll get this back on the calendars once I hear a new date/time.

Meeting rescheduled per request from API.

Tentative Discussion Items:

Data from API

Expanded procedures document

MM2A update (from Elineth)

Message

From: Back, Tracy [back.tracy@epa.gov]
Sent: 9/4/2018 12:14:58 PM
To: Matthew Hite [mhite@gpamidstream.org]
CC: Sandoval, Adrienne (Adrienne.Sandoval@andeavor.com) [Adrienne.Sandoval@andeavor.com]; Mia, Marcia [Mia.Marcia@epa.gov]; Lischinsky, Robert [Lischinsky.Robert@epa.gov]; Carbone, Chad [Carbone.Chad@epa.gov]
Subject: RE: Thank you and one more question

Hello Matt – thank you for your interest in the Energy Extraction (EE) Center development. The National Center for Manufacturing Sciences (NCMS) is actively exploring partnership opportunities to support EE Center development this Fall. I suggest you contact Lisa Stobierski with NCMS to discuss timing and content needs. From EPA's perspective, we're hoping that a "soft launch" of the Center be ready early in the 2019 calendar year.

Again, your time to discuss the EE Center and interest in the initiative is most appreciated!

Tracy Back | OC | MAMPD | 202.564.7076 | back.tracy@epa.gov

From: Matthew Hite [mailto:mhite@gpamidstream.org]
Sent: Friday, August 31, 2018 3:36 PM
To: Back, Tracy <back.tracy@epa.gov>
Cc: Sandoval, Adrienne (Adrienne.Sandoval@andeavor.com) <Adrienne.Sandoval@andeavor.com>
Subject: Thank you and one more question

Hi Tracy,

Thank you again for organizing and taking the time to meet with Adrienne and I on Monday of this week about the compliance assistance center. We found the run through very helpful and informative and we think that the compliance assistance center could be of great use to companies once completed. I wanted to check in and see what your timeline is for the site development and partnerships? Participation is something that we will need to run both through our association's environmental committee and board of directors for approval which may take a little time.

Thanks,

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 ½ Pennsylvania Avenue, SE
Washington, DC 20003
Ex. 6 Personal Privacy (PP)
mhite@GPAmidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

From: Marsh, Karen
Location: RTP-Line [Ex. 6 Personal Privacy (PP)] Phone-Line/RTP-Conf-Bridge; RTP-C300A-Max40/RTP-Bldg-C
Importance: Normal
Subject: Confirmed: API Discussion on AWP
Start Time: Thur 8/23/2018 1:00:00 PM
End Time: Thur 8/23/2018 4:00:00 PM
Required Attendees: Shine, Brenda; Lassiter, Penny; Dewees, Jason; Garwood, Gerri; Shappley, Ned; Nash, Dave; Fruh, Steve; Torres, Elineth; Wilwerding, Joseph; Loukeris, Constantinos; Mia, Marcia; Karin C. Ritter; Tsirigotis, Peter
Optional Attendees: Patel, Ketan; Cozzie, David; Wayland, Richard; Hopperton, Michael R; Menten, Paula; Reese, J Derek; McGregor, Duane R

Note: Change in local room location (C300A), call in number is [Ex. 6 Personal Privacy (PP)] and extending an hour to allow for more time if needed.

Tentative Discussion Items:
Data from API
Expanded procedures document
MM2A update (from Elineth)

Message

From: Weinstock, Larry [Weinstock.Larry@epa.gov]
Sent: 5/17/2019 4:29:13 PM
To: [Ex. 6 Personal Privacy (PP)]
amorrison@amorrisonlaw.com; wbahnfleth@psu.edu; ryan.baker@okc.gov; KSLBauman@MLC.com;
matthew.kuryla@bakerbotts.com; [Ex. 6 Personal Privacy (PP)]; boohar.john@basco.com;
BBroberg@trcsolutions.com; bruce@ranww.org; bnelson@airalliancehouston.org; ahlers@cleanair.org;
pope@texstrat.us; dgreenbaum@healtheffects.org; daniel.nickey@uni.edu; [Ex. 6 Personal Privacy (PP)]
dvandervaaart@johnlocke.org; drew.shindell@duke.edu; Elizabeth Jacobs [ejacobs@aha-nsn.gov];
steven.flint@dec.ny.gov; gjones@sgia.org; gmittelstaedt@thhnw.org; james.mcguire@dallascityhall.com;
William.spratlin@aptim.com; ahoekzema@capcog.org; Jeremy.Fincher@sacandfoxnation-nsn.gov;
jcastner@castnerincorp.com; jobrzut@escogroup.org; Paul Miller [pmiller@nescaum.org]; kelley@tcga.org;
kris.ray@colvilletribes.com; [Ex. 6 Personal Privacy (PP)]; laliddington@aqm.co.knox.tn.us; mduaime@alum.mit.edu;
Baronm@detroitmi.gov; mary@whatsinourair.org; jason.howanitz@jcdh.org; [Ex. 6 Personal Privacy (PP)]
mitch@creationcare.org; natalene.cummings@fcpotawatomi-nsn.gov; steven.l.shestag@boeing.com;
sbroome@huntonak.com; Edith Pestana [Edith.Pestana@ct.gov]; pfine@aqmd.gov;
Frank.Prager@XCELENERGY.COM; Robert.Hodanbosi@epa.ohio.gov; Robert.Wyman@LW.com; SHayes@aceee.org;
Kimberly.Scarborough@pseg.com; speterson@ctps.org; Gail Good [gail.good@wisconsin.gov];
stewartweinberg@me.com; VICTORIA.SULLIVAN@duke-energy.com; alice.lovegrove@wsp.com; SteichenT@api.org;
todd.washam@acca.org; tcarbonell@edf.org; vmorris@howard.edu; twalling@ford.com; SWhitworth@ameren.com
CC: Shoaff, John [Shoaff.John@epa.gov]
Subject: Update on your Clean Air Act Advisory Committee application

Dear CAAAC applicant,

I am writing to provide you with an update on the status of membership applications for the Clean Air Act Advisory Committee (CAAAC). We are currently reviewing all applications and expect to make final selections by mid-summer.

We would like to hold a CAAAC meeting in the fall and are targeting the middle two weeks of September for both the next meeting and the Clean Air Excellence Awards (Awards) ceremony. Our current expectation is that the Awards ceremony would be held the afternoon before or morning after a full day-long CAAAC meeting. There would be an optional dinner organized for the evening in between the Awards ceremony and the meeting. The meeting will be held in Washington, DC and resources are available to support your travel, as needed.

Thank you for patience with the membership selection process and your willingness to serve as a member of CAAAC,
Larry Weinstock
Program Innovation Coordinator
Office of Air Policy and Program Support
Office of Air and Radiation
US Environmental Protection Agency
1200 Pennsylvania Avenue
Washington, D.C. 20460
202-564-9226

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]

From: Gunning, Paul

Location: 4232D South Conference Room; Dial-In: 18842

Ex. 6 Personal Privacy (PP)

Importance: Normal

Subject: Subpart W Discussion

Start Time: Tue 4/30/2019 6:00:00 PM

End Time: Tue 4/30/2019 7:00:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org

Optional Attendees: Eisele, Adam; Lee, Michael

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
18842

Importance: Normal

Subject: Subpart W Discussion

Start Time: Mon 4/29/2019 6:00:00 PM

End Time: Mon 4/29/2019 7:00:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mhite@gpamidstream.org; christine.wyman@policyres.com

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]
From: Gunning, Paul
Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
18842
Importance: Normal
Subject: Subpart W Discussion
Start Time: Tue 4/30/2019 6:00:00 PM
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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: 18842

Ex. 6 Personal Privacy (PP)

Importance: Normal

Subject: Subpart W Discussion

Start Time: Mon 4/29/2019 6:00:00 PM

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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org

From: Ford, Sharon
Location: 4232D South Conference Room; Dial-In: + **Ex. 6 Personal Privacy (PP)**
18842
Importance: Normal
Subject: Subpart W Discussion
Start Time: Tue 4/30/2019 6:00:00 PM
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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]

From: Gunning, Paul

Location: 4232D South Conference Room; Dial-In:
18842

Ex. 6 Personal Privacy (PP)

Importance: Normal

Subject: Subpart W Discussion

Start Time: Mon 4/29/2019 6:00:00 PM

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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org; christine.wyman@policyres.com

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
18842

Importance: Normal

Subject: Subpart W Discussion

Start Time: Mon 4/29/2019 1:30:00 PM

End Time: Mon 4/29/2019 2:30:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]

From: Gunning, Paul

Location: 4232D South Conference Room; Dial-In: 18842

Ex. 6 Personal Privacy (PP)

Importance: Normal

Subject: Subpart W Discussion

Start Time: Mon 4/29/2019 1:30:00 PM

End Time: Mon 4/29/2019 2:30:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mhite@gpamidstream.org

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]
From: Gunning, Paul
Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
18842
Importance: Normal
Subject: Subpart W Discussion
Start Time: Mon 4/29/2019 6:00:00 PM
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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]
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Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
Importance: Normal
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From: Gunning, Paul
Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
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Start Time: Mon 4/29/2019 6:00:00 PM
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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**

Importance: Normal

Subject: Subpart W Discussion

Start Time: Mon 4/29/2019 6:00:00 PM

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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]
From: Gunning, Paul
Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
Importance: Normal
Subject: Subpart W Discussion
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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**

Importance: Normal

Subject: Subpart W Discussion

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End Time: Mon 4/29/2019 2:30:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**

Importance: Normal

Subject: Subpart W Discussion

Start Time: Mon 4/29/2019 6:00:00 PM

End Time: Mon 4/29/2019 7:00:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org; christine.wyman@policyres.com

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]
From: Gunning, Paul
Location: 4232D South Conference Room; Dial-In:

Ex. 6 Personal Privacy (PP)

Importance: Normal
Subject: Subpart W Discussion
Start Time: Mon 4/29/2019 6:00:00 PM
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Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org; christine.wyman@policyres.com

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**

Importance: Normal

Subject: Subpart W Discussion

Start Time: Tue 4/30/2019 6:00:00 PM

End Time: Tue 4/30/2019 7:00:00 PM

Required Attendees: Gunning, Paul; Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org

Message

From: woods.clint@epa.gov [woods.clint@epa.gov]
Sent: 4/30/2019 6:04:11 PM
To: Matthew Hite [mhite@gpamidstream.org]
CC: Gunning, Paul [Gunning.Paul@epa.gov]; Ford, Sharon [Ford.Sharon@epa.gov]
Subject: Re: 2019-04-30 Draft Agenda GPA-EPA GHGRP Meeting

Matt - I'm running 5 mins behind, but feel free to start w/o me

On Apr 30, 2019, at 1:55 PM, Matthew Hite <mhite@gpamidstream.org> wrote:

Hi Sharon

Just wanted you to know that we are downstairs and cleared security. Just left you a voicemail. Thanks

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003

Ex. 6 Personal Privacy (PP)

mhite@gpamidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

On Apr 29, 2019, at 2:06 PM, Gunning, Paul <Gunning.Paul@epa.gov> wrote:

Thanks Matt. Please give Sharon at call at Ex. 6 Personal Privacy (PP) Looking forward to seeing you tomorrow.

Paul

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Monday, April 29, 2019 12:12 PM
To: Gunning, Paul <Gunning.Paul@epa.gov>; Woods, Clint <woods.clint@epa.gov>
Subject: 2019-04-30 Draft Agenda GPA-EPA GHGRP Meeting

Hi Paul and Clint,

Attached is our proposed agenda to discuss. Looking forward to our meeting tomorrow at 2 PM. Can you let me know who to ask for when we get to EPA?

Here is who will be attending on our end:

Matthew Hite GPA Midstream staff

Charlotte Sawyer	GPA Midstream staff
Jaron Hill	Tap Stone Energy and GPA Midstream Environmental
Committee Chairman	
Melanie Roberts	Targa Resources
Aaron Flynn	GPA Midstream Outside Council with Hunton Andrews Kurth

Please let me know if you have any questions or need anything else from us.

Thanks

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003

Ex. 6 Personal Privacy (PP)
mhite@gpamidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

Follow us:



<image001.jpg>

The content image001.jpg of type has been blocked.

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]
From: Gunning, Paul
Location: 4232D South Conference Room; Dial-In:

Ex. 6 Personal Privacy (PP)

Importance: Normal
Subject: Subpart W Discussion
Start Time: Tue 4/30/2019 6:00:00 PM
End Time: Tue 4/30/2019 7:00:00 PM
Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org
Optional Attendees: Eisele, Adam

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]

From: Gunning, Paul

Location: 4232D South Conference Room; Dial-In: 18842

Ex. 6 Personal Privacy (PP)

Importance: Normal

Subject: Subpart W Discussion

Start Time: Tue 4/30/2019 6:00:00 PM

End Time: Tue 4/30/2019 7:00:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint;
mwhite@gpamidstream.org

Optional Attendees: Eisele, Adam

Organizer: Gunning, Paul[Gunning.Paul@epa.gov]
From: Gunning, Paul
Location: 4232D South Conference Room; Dial-In: **Ex. 6 Personal Privacy (PP)**
Importance: Normal
Subject: Subpart W Discussion
Start Time: Tue 4/30/2019 6:00:00 PM
End Time: Tue 4/30/2019 7:00:00 PM
Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org
Optional Attendees: Eisele, Adam; Lee, Michael

Message

From: Gunning, Paul [Gunning.Paul@epa.gov]
Sent: 5/28/2019 6:35:10 PM
To: Stuart Siffring [ssiffring@westernenergyalliance.org]; Woods, Clint [woods.clint@epa.gov]
Subject: RE: Thanks for taking the time to meet with us!

Thanks for sending this Stuart!

Hope all is well.

Paul

Director, Climate Change Division
Office of Atmospheric Programs
202-343-9736

Ex. 6 Personal Privacy (PP) (cell)

From: Stuart Siffring <ssiffring@westernenergyalliance.org>
Sent: Tuesday, May 28, 2019 2:14 PM
To: Gunning, Paul <Gunning.Paul@epa.gov>; Woods, Clint <woods.clint@epa.gov>
Subject: Thanks for taking the time to meet with us!

Hi Paul and Clint,

Thanks for taking the time to meet with us earlier this month, it was great to meet you both in person. We were glad to be able to bring up some of our concerns regarding future rulemaking and implementation of rules that will influence our industry and have attached a few studies and excerpts from comment letters that hopefully clarify the points we made in person.

NSPS OOOOa

We mentioned that we have concerns about the calculation methods for storage tanks that were proposed in the rule. We would like to see a clear method for determining applicability that takes the total emissions from a group of manifolded tanks and divides by the number of tanks. If the result is over 6 tons per year the tanks should be OOOOa applicable. This method is also the preferred method for other trade associations and the relevant sections from their comment letters are attached. (See API, IPAA, PBPA, Western Energy Alliance, and TXOGA excerpts attached)

Subpart W Appendix Table W-1A Pneumatic Controller Emission Factor

We also brought up the emission factors used in the greenhouse gas reporting rule for the oil and natural gas sector. Specifically, the emission factor for intermittent pneumatic controllers of 13.5 scf/hr/device does not reflect reality according to multiple studies, including ones conducted by EPA. Below are a few of the relevant studies and we ask that you pay special attention to the one attached from Dr. Michael Stobern from EPA's Region 8 Headquarters.

Study	Intermittent (scf/device- hr)	Low Bleed (scf/device- hr)	High Bleed (scf/device- hr)	Comments	Source

OK Study	0.4	1.04	21.54	Does not differentiate between high/low bleed. Put as high bleed since it was over 6 scf/hr. Low bleed here is all controller average bleed rate.	http://www.oipa.com/page_images/1418911081.p
UT/EDF Study	1.72	0.75	24.1	Did not differentiate between high/low bleed. Put as high bleed since it was over 6 scf/hr. Low bleed is total average bleed rate for RM region.	http://pubs.acs.org/doi/abs/10.1021/es5040156
GHG Rule	13.5	1.39	37.3		http://www.ecfr.gov/cgi-bin/text-idx?SID=0888b0309b11de715ba9c1e50b83b52a&
Prasino Group	5	5.6	9.2	Referenced in OK Study. Acknowledged that 8.8 intermittent value was for high bleed intermittent. Low bleed intermittent was 1.2. Said average of these would be lower. Intermittent value in this table is average (5.0) but consider using 1.2	http://www2.gov.bc.ca/assets/download/1F074AB

Let me know if I can be of further assistance to you when you are looking for resources to revisit the Subpart W emission factors. Thanks!

Stuart Siffring, PE
Regulatory Analyst
Western Energy Alliance
1775 Sherman St. #2700
Denver, CO 80202
ssiffring@westernenergyalliance.org

Ex. 6 Personal Privacy (PP)

Message

From: Jacks, Susan [Jacks.Susan@epa.gov]
Sent: 6/7/2019 7:19:24 PM
To: Smythe Anderson [AndersonS@api.org]; Woods, Clint [woods.clint@epa.gov]
Subject: RE: API Mtg Request - NAAQS

Hi Smythe,

I'll take a look at Clint's calendar and send you some dates.

Susan

From: Smythe Anderson <AndersonS@api.org>
Sent: Friday, June 7, 2019 2:53 PM
To: Woods, Clint <woods.clint@epa.gov>
Cc: Jacks, Susan <Jacks.Susan@epa.gov>
Subject: API Mtg Request - NAAQS

Clint,

Thanks again for taking the time to meet with API in April. Our members found it to be a very productive meeting.

I would like to request a meeting at your earliest convenience to discuss NAAQS. I expect to be joined by member company representatives and defer to your judgment who should be included from EPA.

Thanks in advance,
Smythe

Smythe Anderson

Director of Federal Relations

API | 200 Massachusetts Ave NW | Washington, DC 20001 | 202.682.8040 | M: Ex. 6 Personal Privacy (PP) AndersonS@api.org



Message

From: Gunning, Paul [Gunning.Paul@epa.gov]
Sent: 6/5/2019 1:35:58 PM
To: Matthew Hite [mhite@gpamidstream.org]; Woods, Clint [woods.clint@epa.gov]
CC: DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Banks, Julius [Banks.Julius@epa.gov]
Subject: RE: Follow-up and Thank you

Matt

Good to hear from you and thanks for coming in to talk with us. I am looping in Mark and Julius to see if we need anything else and, if so, we would be happy to set up another discussion.

Thanks again

Paul

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Tuesday, June 04, 2019 1:41 PM
To: Gunning, Paul <Gunning.Paul@epa.gov>; Woods, Clint <woods.clint@epa.gov>
Subject: Follow-up and Thank you

Hi Paul and Clint,

Thanks again for meeting with us on April 30th. We appreciated your time and the discussion on Subpart W issues that are important for our member companies. Please let me know if EPA would like further information on any of the topics discussed. GPA Midstream would be willing to set up a conference call or another face-to-face meeting. Our environmental committee is also prepared to gather additional data if EPA requires support for any of the suggested revisions. Feel free to reach out by email or phone. My cell is Ex. 6

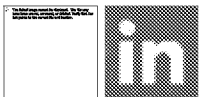
Thanks,

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003
Ex. 6 Personal Privacy (PP)
mhite@gpamidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

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Message

From: Rakosnik, Delaney [rakosnik.delaney@epa.gov]
Sent: 4/2/2019 8:21:24 PM
To: Smythe Anderson [AndersonS@api.org]; Woods, Clint [woods.clint@epa.gov]
Subject: RE: API Mtg Request

You are confirmed for April 12th at 10am with Clint Woods.

From: Smythe Anderson <AndersonS@api.org>
Sent: Tuesday, April 2, 2019 3:59 PM
To: Rakosnik, Delaney <rakosnik.delaney@epa.gov>; Woods, Clint <woods.Clint@epa.gov>
Subject: RE: API Mtg Request

Delaney – That works well. Thanks. Smythe

From: Rakosnik, Delaney <rakosnik.delaney@epa.gov>
Sent: Tuesday, April 2, 2019 3:36 PM
To: Smythe Anderson <AndersonS@api.org>; Woods, Clint <woods.clint@epa.gov>
Subject: RE: API Mtg Request

Smythe,

How does 10am work out for you on the 12th?

Thanks,
Delaney

From: Smythe Anderson <AndersonS@api.org>
Sent: Tuesday, April 2, 2019 3:22 PM
To: Woods, Clint <woods.Clint@epa.gov>
Cc: Schwab, Justin <schwab.justin@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>; Shaffer, Patricia <Shaffer.Patricia@epa.gov>
Subject: RE: API Mtg Request

Clint – Thanks. Friday the 12th works well on our end. And, if possible, morning is preferable. Once we have the time confirmed, I will send around invites and get back to you with the names of attendees. Appreciate your help and look forward to seeing you.

Smythe

From: Woods, Clint <woods.clint@epa.gov>
Sent: Tuesday, April 2, 2019 10:51 AM
To: Smythe Anderson <AndersonS@api.org>
Cc: Schwab, Justin <Schwab.Justin@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>; Shaffer, Patricia <Shaffer.Patricia@epa.gov>
Subject: Re: API Mtg Request

Smythe,

Thanks so much, and sorry for the delay. That sounds great - Any chance Friday the 8th or Monday the 12th might work? I think we would likely include a few reps from our Offices of General Counsel, Air Quality Planning and Standards, and Atmospheric Programs.

Clint

On Mar 28, 2019, at 12:40 PM, Smythe Anderson <AndersonS@api.org> wrote:

Clint and Justin –

On behalf of API's member companies, I would like to request a meeting at your earliest convenience to discuss our industry's position on EPA's regulation of methane. Would you have time in the next week or two to schedule this discussion? I expect to be joined by member company reps and defer to your judgment on who should be included from EPA.

Thanks in advance,
Smythe

Smythe Anderson

Director of Federal Relations

API | 200 Massachusetts Ave NW | Washington, DC 20001 | 202.682.8040 | M:

 | AndersonS@api.org

<image001.png>

From: Ford, Sharon

Location: 4232D South Conference Room; Dial-In: + **Ex. 6 Personal Privacy (PP)**

Importance: Normal

Subject: Subpart W Discussion

Start Time: Tue 4/30/2019 6:00:00 PM

End Time: Tue 4/30/2019 7:00:00 PM

Required Attendees: Kocchi, Suzanne; DeFigueiredo, Mark; Banks, Julius; Woods, Clint; mwhite@gpamidstream.org

Message

From: Rakosnik, Delaney [rakosnik.delaney@epa.gov]
Sent: 3/12/2019 4:31:37 PM
To: Matthew Hite [mhite@gpamidstream.org]; Woods, Clint [woods.clint@epa.gov]
Subject: RE: Meeting Request

Sorry, the morning of the 20th has been booked, but the afternoon is still open.

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Monday, March 11, 2019 7:38 PM
To: Rakosnik, Delaney <rakosnik.delaney@epa.gov>; Woods, Clint <woods.Clint@epa.gov>
Subject: RE: Meeting Request

Hi Delaney,

Can you let me know if anytime on the 20th prior to your 11 AM conflict would work? Thanks and I will get my Environmental Committee chair to get her flight out here once I hear back from you. Thanks for your help.

Matt

From: Rakosnik, Delaney <rakosnik.delaney@epa.gov>
Sent: Monday, March 11, 2019 1:42 PM
To: Matthew Hite <mhite@gpamidstream.org>; Woods, Clint <woods.clint@epa.gov>
Subject: RE: Meeting Request

Hi Matt,

Clint could meet on the 18th at 3pm or the 20th, anytime, except 11-1pm.

Let me know if either works.

Many thanks,

Delaney Rakosnik
Staff Assistant
Immediate Office of the Assistant Administrator
Office of Air and Radiation, USEPA
Room 5406A, 1200 Pennsylvania Avenue NW
Washington, DC 20460
Voice: 202-564-0935
Email: rakosnik.delaney@epa.gov

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Friday, March 8, 2019 4:50 PM
To: Woods, Clint <woods.Clint@epa.gov>
Cc: Rakosnik, Delaney <rakosnik.delaney@epa.gov>
Subject: RE: Meeting Request

Thanks Clint.

Matt

From: Woods, Clint <woods.clint@epa.gov>
Sent: Friday, March 8, 2019 4:19 PM
To: Matthew Hite <mhite@gpamidstream.org>
Cc: Rakosnik, Delaney <rakosnik.delaney@epa.gov>
Subject: RE: Meeting Request

Matt,

Thanks so much – That sounds great. I've copied Delaney Rakosnik, who may be able to help us find a good date/time.

Clint

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Friday, March 8, 2019 2:21 PM
To: Woods, Clint <woods.clint@epa.gov>
Subject: Meeting Request

Hi Clint,

Thanks for taking my call the other day. Would it be possible to set up a meeting with My Environmental Committee Chair and myself to discuss Quad OOOOa?

We were looking at anytime on the following dates : March 18, 19, or 20th.

If those previous dates don't work then we could do next week March 11, 12, or 13th.

Thanks

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003

Ex. 6 Personal Privacy (PP)
mhite@gpamidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

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Message

From: Gordon, Stephen [gordon.stephen@epa.gov]
Sent: 11/14/2018 8:17:40 PM
To: Howell, Mike [Mike.Howell@heritage.org]; Woods, Clint [woods.clint@epa.gov]
CC: Bluey, Rob [rob.bluey@heritage.org]
Subject: RE: Thanks + Contact Info

Mike,

Great to meet you today. Thanks so much for having us over to speak.

Talk soon.

-Stephen

Stephen L. Gordon Jr.
Deputy Director for Public Engagement
Office of the Administrator
U.S. Environmental Protection Agency

Ex. 6 Personal Privacy (PP)

Gordon.Stephen@epa.gov

From: Howell, Mike <Mike.Howell@heritage.org>
Sent: Wednesday, November 14, 2018 2:25 PM
To: Woods, Clint <woods.Clint@epa.gov>; Gordon, Stephen <gordon.stephen@epa.gov>
Cc: Bluey, Rob <rob.bluey@heritage.org>
Subject: Thanks + Contact Info

Gentlemen-

Thanks for coming in today. Wanted to make sure you had my email. Please let me know if you need help getting in touch with any of the attendees. Look forward to staying in touch on some of the topics discussed. And as always, let us know how we can help with anything.

-Mike

Mike Howell
Senior Advisor, Executive Branch Relations
The Heritage Foundation
214 Massachusetts Avenue, NE
Washington, DC 20002

Ex. 6 Personal Privacy (PP)

heritage.org

Message

From: Harlow, David [harlow.david@epa.gov]
Sent: 2/12/2019 8:53:01 PM
To: Matthew Hite [mhite@gpamidstream.org]; Woods, Clint [woods.clint@epa.gov]
Subject: RE: Thank You

Matt,

Thank you! It was certainly my pleasure. For my part, I find these sorts of interactions quite informative.

David S. Harlow
Senior Counsel
Immediate Office of the Assistant Administrator
Office of Air and Radiation, USEPA
WJC-N Room 5409K
1200 Pennsylvania Avenue NW
Washington, DC 20460
202-564-1233
Harlow.David@epa.gov

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Tuesday, February 12, 2019 11:26 AM
To: Woods, Clint <woods.Clint@epa.gov>; Harlow, David <harlow.david@epa.gov>
Subject: Thank You

Hi Clint and David,

On behalf of GPA Midstream Association, I just wanted to say thank you again for stopping by to talk to our Environmental and Natural Resource Committees the other week. Our members found your presentation very informative and engaging. I know how busy you both are so thank you once again for your time and looking forward to catching up again.

Take care,

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003

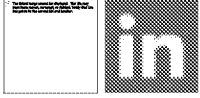
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mhite@gpamidstream.org

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www.GPAmidstream.org

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Message

From: Atkinson, Emily [Atkinson.Emily@epa.gov]
Sent: 1/2/2018 8:44:49 PM
To: Hilary Moffett [moffetth@api.org]
CC: Woods, Clint [Woods.Clint@epa.gov]
Subject: Confirmed 1/30 at 10am: Meeting Request

Hi Hilary,

You are confirmed for a 45 minute meeting on Tuesday, January 30, 2018 at 10:00am with Clint Woods, Mandy Gunasekara and David Harlow.

Directions and procedures to 1200 Pennsylvania Avenue NW:

Metro: If you come by Metro get off at the Federal Triangle metro stop. Exit the metro station and go up two sets of escalators to the surface level and turn right. You will see a short staircase and wheelchair ramp leading to a set of glass doors with the EPA logo - that is the William Jefferson Clinton Federal Building, North Entrance.

Taxi: Direct the taxi to drop you off on 12th Street NW, between Constitution and Pennsylvania Avenues, at the elevator for the Federal Triangle metro stop - this is almost exactly half way between the two avenues on 12th Street NW. Facing the building with the EPA logo and American flags, walk toward the building and take the glass door on your right hand side with the escalators going down to the metro on your left – that is the North Lobby of the William Jefferson Clinton building.

Security Procedures: A government issued photo id is required to enter the building and it is suggested you arrive 15 minutes early in order to be cleared and arrive at the meeting room on time. Upon entering the lobby, the meeting attendees will be asked to pass through security and provide a photo ID for entrance. Let the guards know that you were instructed to call 202-564-7404 for a security escort.

Please send me a list of participants in advance of the meeting and feel free to contact me should you need any additional information.

Emily

Emily Atkinson
Management Analyst/Office Manager
Immediate Office of the Assistant Administrator
Office of Air and Radiation, USEPA
Room 5412B, 1200 Pennsylvania Avenue NW
Washington, DC 20460
Voice: 202-564-1850
Email: atkinson.emily@epa.gov

From: Hilary Moffett [mailto:moffetth@api.org]
Sent: Tuesday, January 02, 2018 2:52 PM
To: Atkinson, Emily <Atkinson.Emily@epa.gov>
Cc: Woods, Clint <Woods.Clint@epa.gov>
Subject: RE: Meeting Request

Hi Emily,

That would work great – thank you. I will send you a list of attendees ahead of time, along with any handouts we plan to use.

Happy New Year!
Hilary

From: Atkinson, Emily [<mailto:Atkinson.Emily@epa.gov>]
Sent: Tuesday, January 02, 2018 2:14 PM
To: Hilary Moffett
Cc: Woods, Clint
Subject: FW: Meeting Request

Hi Hilary,

It looks like Clint Woods, Mandy Gunasekara and David Harlow could be available for a 45 minute meeting on Tuesday, January 30 at 10:00am.

Please advise if this could work on your end.

Thank you.
Emily

Emily Atkinson
Management Analyst/Office Manager
Immediate Office of the Assistant Administrator
Office of Air and Radiation, USEPA
Room 5412B, 1200 Pennsylvania Avenue NW
Washington, DC 20460
Voice: 202-564-1850
Email: atkinson.emily@epa.gov

From: Hilary Moffett [<mailto:moffetth@api.org>]
Sent: Wednesday, December 20, 2017 1:06 PM
To: Woods, Clinton <woods.clinton@epa.gov>
Subject: RE: Meeting Request

Thanks Clint.

On Tuesday 1/30 we could do anything in the morning before about 1. Could also do 330-5.
On Wednesday 1/31, we could do 1-4.
Does anything in there work?

Thanks,
Hilary

From: Woods, Clinton [<mailto:woods.clinton@epa.gov>]
Sent: Wednesday, December 20, 2017 10:50 AM
To: Hilary Moffett
Subject: RE: Meeting Request

Hilary,

Thanks so much, and it was great to meet you as well. That sounds great – Please let me know if there are some good dates/times the weeks of January 22 or 29 (for the latter, the early part of the week is better from my end) and we can get something set up.

Clint Woods
Deputy Assistant Administrator
Office of Air and Radiation, U.S. EPA
202.564.6562

From: Hilary Moffett [<mailto:moffetth@api.org>]
Sent: Wednesday, December 20, 2017 10:44 AM
To: Woods, Clinton <woods.clinton@epa.gov>
Subject: Meeting Request

Hi Clint,

I hope this email finds you well –great to meet you yesterday!! I didn't want to bombard you on your first week with a meeting request, so I waited until week 2!! I hope you're settling in nicely.

API would like to bring in a few member companies to talk about Ozone Implementation Assistance. Do you have some time the last week in January?

Thanks,
Hilary

Hilary Moffett
Director, Federal Relations
American Petroleum Institute
202-682-8040 (desk)

Ex. 6 Personal Privacy (PP)

 (cell)
Moffetth@api.org

Message

From: Atkinson, Emily [Atkinson.Emily@epa.gov]
Sent: 1/25/2018 6:17:10 PM
To: Hilary Moffett [moffetth@api.org]
CC: Woods, Clint [woods.clint@epa.gov]
Subject: RE: MEeting Attendees

Thanks Hilary!

Emily Atkinson
Management Analyst/Office Manager
Immediate Office of the Assistant Administrator
Office of Air and Radiation, USEPA
Room 5412B, 1200 Pennsylvania Avenue NW
Washington, DC 20460
Voice: 202-564-1850
Email: atkinson.emily@epa.gov

From: Hilary Moffett [mailto:moffetth@api.org]
Sent: Thursday, January 25, 2018 1:14 PM
To: Atkinson, Emily <Atkinson.Emily@epa.gov>
Cc: Woods, Clint <woods.clint@epa.gov>
Subject: MEeting Attendees

Hi Emily,

Please find the list of attendees for next week's meeting with Clint, David, and Mandy.

Don't hesitate to reach out if you need anything else from me.

Thanks,
Hilary

Hilary Moffett
Director, Federal Relations
American Petroleum Institute
202-682-8040 (desk)

Ex. 6 Personal Privacy (PP) (cell)
MoffettH@api.org

Hilary Moffett
Ted Steichen
Stephen Higley
Kevin Avery
Khary Cauthen
Lesley Schaaff
Robert Nolan
Dana Wood
Marnie Funk
Cathe Kalisz

From: Dickerson, Phil [Dickerson.Phil@epa.gov]
Sent: 1/22/2018 8:14:03 PM
To: alan@capcoa.org; emily.ackland@traviscountytexas.gov; jadams@wh-m.com; jalb461@ecy.wa.gov; Balbini@gratonrancheria.com; **Ex. 6 Personal Privacy (PP)**; calepuz@capcog.org; falotoum@moph.gov.qa; dalrick@baaqmd.gov; pharr.andrews@austintexas.gov; willie.arkansas@dallascityhall.com; jarno@airquality.org; chelsea@gasp-pgh.org; rariaga@aacog.com; jbrooks@envirosys.com; Randall.Ashley@cskt.org; patcitty@morongo-nsn.gov; SATtocknie@quapawtribe.com [sattocknie@quapawtribe.com]; hayden@twobtech.com; aayala@airquality.org; mayoub@hbku.edu.qa; Baghdikian, Christina [Baghdikian.Christina@epa.gov]; miles@sensorinsight.io; sbaldwin@sbtribes.com; pinaki.banerjee@cookcountyl.gov; barnetwm@forsyth.cc; baxter.lisa@epa.gov; rob.beckius@apis-aq.com; Belk, Ellen [Belk.Ellen@epa.gov]; Benedict, Kristen [Benedict.Kristen@epa.gov]; camb461@ecy.wa.gov; marshall.berg@eaglered.com; mberger@utah.gov; jill.berkel@tsi.com; Lily.Bermejo@SRPMIC-nsn.gov; sahilb@utexas.edu; abianchi@aqmesh.us; a.billingsley@aqmesh.com; 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jmcoombs@utah.gov; weslee.copeland@tceq.texas.gov; cordesj@sbcapcd.org; steven.coughlin@state.ma.us; acox@capcog.org; development@airqualityasia.org; kyle.cunningham@sanantonio.gov; Angela Curry [angela.curry@tceq.texas.gov]; scd3@cdc.gov; D'Angelo, Caroline C [dangelocc@state.gov]; shantha.daniel@tceq.texas.gov; **Ex. 6 Personal Privacy (PP)**; bdavis@mail.maricopa.gov; Davis, Alison [Davis.Alison@epa.gov]; Danny Davis [danny.davis@ub.edu.bs]; drd10@psu.edu; adam.deppe@wyo.gov; jdesimone@mwco.org; ranil.dhammadapa@ecy.wa.gov; svd@utexas.edu; Scott DiBiase [Scott.DiBiase@pinalcountytaz.gov]; Dickerson, Phil [Dickerson.Phil@epa.gov]; jaime.difulvio@sdcounty.ca.gov; daniel.dix@state.mn.us; **Ex. 6**; joel.dreessen@maryland.gov; sdrevik@agilaire.com; jdumas@sonomatech.com; Chad.Dumas@Tceq.Texas.gov; nyasha.dunkley@dnr.ga.gov; Tim Dye [tim@tdenviro.com]; seagan@metone.com; jeberwein@mdaqmd.ca.gov; pat.edwards@aecom.com; Braxton.Edwards@deq.ok.gov; heisl@qc.cuny.edu; David Elam [DElam@trcsolutions.com]; jessae@aqtreks.com; Elmore, Deborah [Elmore.Deborah@epa.gov]; **Ex. 6**; Mark.Estes@tceq.texas.gov; Evans, Ron [Evans.Ron@epa.gov]; fairmanjm@state.gov; zhaohua.fang@tceq.texas.gov; David@envitechsoftware.com; Farsi, Farshid [Farsi.Farshid@epa.gov]; Larry.Figgs@douglascounty-ne.gov; rachel@gasp-pgh.org; leonil.flores@cookcountyl.gov; ac.flye@dallascityhall.com; Sheryl Fontaine [sfontaine@ndep.nv.gov]; sfloor@cas-en.com; dfrisbey@mbard.org; Fuoco, Marta [fuoco.marta@epa.gov]; Paul Garbe [pgarbe@cdc.gov]; sgarcia1@aacog.com; Gavin, Megan [gavin.megan@epa.gov]; gentrycd@forsyth.cc; john.gering@dnr.iowa.gov; getahunbekele48@yahoo.com; Gibson, Benjamin [gibson.benjamin@epa.gov]; anne.gobin@ct.gov; Michael Goldstein [michael.goldstein@shelbycountyttn.gov]; rgomez@ak-chin.nsn.us; lgomez@baaqmd.gov; delomagraham@co.cumberland.nc.us; jenna.granstra@aecom.com; minnieg@utetribes.com; michaelgreen@co.imperial.ca.us; Kristin Greiner [kjgreiner@attain.com]; dgrey@agilaire.com; russell.hadan@douglascounty-ne.gov; hilary@sonomatech.com [Hilary@sonomatech.com]; steve.hagle@tceq.texas.gov; sherman.w.hampton@exxonmobil.com; dch@nrgsystems.com; tyson.harris@dhw.idaho.gov; KHarris@scribsolve.com; shasheminassab@aqmd.gov; douglas.haugen@teledyne.com; Keith Head [KHead@mdeq.ms.gov]; gah@adem.alabama.gov; ahealy@sonomatech.com; cindy.heil@alaska.gov; asrah@milestoneventuresinc.com; AL.HENDLER@aecom.COM; lhenry@mvrpc.org; alexandria.herd@wyo.gov; z **Ex. 6 Personal Privacy (PP)**; susana.hildebrand@vistraenergy.com; ahoekzema@capcog.org; mhoekzema@earthnetworks.com; hoffmanl@sbcapcd.org; sarah@cleanairforce.org; Allason.Holt@AlleghenyCounty.US; Michael Honeycutt [Michael.honeycutt@tceq.texas.gov]; christina.horner@thermofisher.com; Melanie Hotchkiss [melanie.hotchkiss@tceq.texas.gov]; lhowell@sbtribes.com; akh157@psu.edu; khunt@trcsolutions.com; jdhunter@washoecounty.us; Huser, Jennifer [Huser.Jennifer@epa.gov]; mhylton@sonomatech.com; steve.irwin@state.mn.us; **Ex. 6 Personal Privacy (PP)**; Timothy.Janke@tceq.texas.gov; allison.jenkins@tceq.texas.gov; lasse.johansson@fmi.fi; david.johnson2@canada.ca;

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clee@roundrocktexas.gov; jong-song.lee@tceq.texas.gov; barry.lefer@nasa.gov; [Ex. 6]
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kevmac@clarkcountynv.gov; [Ex. 6] mmkotb@qu.edu.qa; malikm3@state.gov;
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[Mebust.Anna@epa.gov]; douglas.melnick@sanantonio.gov; [Ex. 6 Personal Privacy (PP)] [Ex. 6 Personal Privacy (PP)]
fernando.mercado@tceq.texas.gov; liza.meyer@sanantonio.gov; [Ex. 6] jmillier@camsco.com;
Jim Mills [jim@airmonitors.co.uk]; [Ex. 6 Personal Privacy (PP)] Elise.Mills@tceq.texas.gov; Mintz, David
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[Morales.Lourdes@epa.gov]; garymorris@stedwards.edu; ned@gasp-pgh.org; jessica.myers@tceq.texas.gov;
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rnelson@nepa.gov.jm; nicoll.ryan@azdeq.gov; jniehaus@lrpa.org; adele.noel@traviscountytexas.gov;
regi.oommen@erg.com; Robin.ormerod@envirosuite.com; [Ex. 6 Personal Privacy (PP)] eigh@gasl.ca;
chris.owen@tceq.texas.gov; james.oxley@dep.nj.gov; tpge.ext@bluedata-technologies.com; paprotny@uic.edu;
napdenr@gmail.com; kananpatel@utexas.edu; spaterson@kmea.net; spatton@metone.com; jp5@azdeq.gov;
paynemj@forsyth.cc; peerman.scott@deq.state.or.us; cpna@envirosys.com; Kathy Pendleton
[kathy.pendleton@tceq.texas.gov]; adamp@psc cleanair.org; thuy.phi@tceq.texas.gov;
Tracie.Phillips@tceq.texas.gov; tplatter@cas-en.com; bradp@mdaqmd.ca.gov; Kelly Poole [kpoole@ecos.org];
cristina.presmanes@miamidade.gov; sethp@nwcleanairwa.gov; aprosterman@aacog.com; dralston@baaqmd.gov;
rramushu@environment.gov.za; vaseee.rr@gmail.com; Rappold, Ana [Rappold.Ana@epa.gov];
bill.reeve@sdcounty.ca.gov; charles.rigler@charleskochinstitute.org; troberts@plpt.nsn.us;
madison@sensorinsight.io; daniel.ross@dnr.ga.gov; mrowe@spokanecleanair.org; julie@myairdistrict.com;
emma.ruppel@bishoppaiute.org; Salem, Nevine [Salem.Nevine@epa.gov]; daniel.salkovitz@deq.virginia.gov;
cayce.salvino@ocfl.net; lisbethsanmiguel@jca.pr.gov; kasey.savanich@tceq.texas.gov; Robert Schilling
[schillrl@dhec.sc.gov]; Rohit.Sharma@Lyondellbasell.com; dsheehan@morpc.org; [Ex. 6]
stephanie.shirley@tceq.texas.gov; nsilva@ambilabs.com; carlskelley_eurofinsus.com [carlskelley@eurofinsus.com];
Mangas.Slinkey@SRPMIC-nsn.gov; jsloan@csg.org; Riley.Smith@jcdh.org; spencer@adeq.state.ar.us;
mspychal@stedwards.edu; ivanka.stajner@noaa.gov; Stephanie Steigman [scooper@4cleanair.org];
kristin.stein@martinmarietta.com; Stone, Susan [Stone.Susan@epa.gov]; jmstone@urgcorp.com;
kstricker.pechanga-nsn.gov [kstricker@pechanga-nsn.gov]; julia.stuart@dec.ny.gov; matt [Ex. 6]
steve_sweeney@addesigns.com; Julie Swift [julie.swift@erg.com]; [Ex. 6 Personal Privacy (PP)]
btaylor@thelcotechnology.com; vthimmavajhala@nctcog.org; Ron.Thomas@TCEQ.texas.gov;
drtimmons@washoecounty.us; john@tisch-env.com; ATolley@AmericanEcotech.com; mltravis@adem.alabama.gov;
karintuxen@google.com; sikchya.upadhyay@noaa.gov; wvander@nctcog.org; Verhalen, Frances
[verhalen.frances@epa.gov]; evermillion@hntb.com; Matt.vidrine@eaglered.com; jvinson@sunlab.com;
kelsey.vizzard@austintexas.gov; dwallick@palatiribe.com; leo.wang@tricornitech.com; jward@air-resource.com;
smward@utah.gov; Victoria Wasem [vawasem@attain.com]; Douglas.Watson@ks.gov; Wayland, Michelle
[Wayland.Michelle@epa.gov]; Weinstock, Lewis [Weinstock.Lewis@epa.gov]; dongqi.wen@douglascounty-ne.gov;
David.Westenbarger@tceq.texas.gov; bwheststone@morpc.org; bwhite@morpc.org; White, John
[White.Johne@epa.gov]; sean@clarity.io; thomasw@jjwilbur.com; nancyw@jjwilbur.com; johnw@jjwilbur.com;
Wilkes, Chris [Wilkes.Chris@epa.gov]; mikew@ormantineusa.com; mikew@ormantineusa.com;
ewinegar@exponent.com; dwinkelman@ndep.nv.gov; twolfe@pechanga-nsn.gov; lwoodard@spokanecleanair.org;
Woods, Clint [woods.clint@epa.gov]; heather.wylie@tceq.texas.gov; mia.yen@international.gc.ca;
tammyyoung@roundrocktexas.gov; malcolm.zachariah@deq.ok.gov; szahedi@baaqmd.gov;
kristin.zeise@envirosuite.com; tzeng@dnr.ga.gov; weining.zhao@tceq.texas.gov; 105159458@qq.com; j-
zietsman@tti.tamu.edu; mia@mzinsights.com; Zuco, Arthur [Zuco.Arthur@epa.gov]; alan@capcoa.org;
DRUSH@GRATONRANCHERIA.COM; jbrooks@envirosys.com; patcitty@morongo-nsn.gov;

Ex. 6 Personal Privacy (PP) smartinez@airquality.org; mohammed.ayoub@gmail.com; madison@sensorinsight.io; rob.beckius@apis-aq.com; Verhalen, Frances [verhalen.frances@epa.gov]; tony.czech@tsi.com; Lily.Bermejo@SRPMIC-nsn.gov; **Ex. 6 Personal Privacy (PP)** aflores@baaqmd.gov; **Ex. 6 Personal Privacy (PP)** rbrown@agilaire.com; info@sustainablesandhills.org; Kevin Brundage [kfbundage@attain.com]; **Ex. 6 Personal Privacy (PP)**; ageorge@americanecotech.com; **Ex. 6 Personal Privacy (PP)** sharroun@placer.ca.gov; Nowinski@ClarkCountyNV.gov; stanley.cho@tricornetech.com; jacquelinerobinson@mail.maricopa.gov; Melanie Hotchkiss [melanie.hotchkiss@tceq.texas.gov]; **Ex. 6 Personal Privacy (PP)** **Ex. 6** jacquelinerobinson@mail.maricopa.gov; sandra.deansmith@ub.edu.bs; daniel.dix@state.mn.us; sdrevik@agilaire.com; Tim Dye [tim@tdenviro.com]; MHAUSMANN@METONE.COM; **Ex. 6 Personal Privacy (PP)** hayden@twobtech.com; **Ex. 6 Personal Privacy (PP)** **Ex. 6 Personal Privacy (PP)** dgrey@agilaire.com; bwest@sonomatech.com; keisha.townsend@tceq.texas.gov; sina. **Ex. 6 Personal Privacy (PP)** kristen.yazbek@teledyne.com; asrah@milestoneventuresinc.com; **Ex. 6 Personal Privacy (PP)** hoffmanl@sbcapcd.org; Michael Honeycutt [Michael.honeycutt@tceq.texas.gov]; khunt@trcsolutions.com; **Ex. 6 Personal Privacy (PP)** cmurrell@idem.in.gov; heath@ladco.org; vkay@agilaire.com; kostanic@fit.edu; jacquelinerobinson@mail.maricopa.gov; Philip.Leung@Tceq.Texas.Gov; SharonL_cctexas.com [SharonL@cctexas.com]; lditon@aqmd.gov; llowder@aacog.com; sword@clarkcountynv.gov; mmkotb@qu.edu.qa; jeff.marincic@thermofisher.com; rmarlatt@rbisolutions.com; ian.mccaffrey@tceq.texas.gov; diffusion@ormenviro.com; carmen.almaguer@sanantonio.gov; **Ex. 6 Personal Privacy (PP)** **Ex. 6 Personal Privacy (PP)** Jim Mills [jim@airmonitors.co.uk]; **Ex. 6 Personal Privacy (PP)** raj.nadkarni@tceq.texas.gov; vickie.woods@ncdenr.gov; fayona.lewis@nepa.gov.im; jniehaus@lrpa.org; **Ex. 6 Personal Privacy (PP)** denise.warner@dep.nj.us; paprotny@uic.edu; **Ex. 6 Personal Privacy (PP)** MHAUSMANN@METONE.COM; paynemj@forsyth.cc; peerman.scott@deq.state.or.us; dhernandez@mdaqmd.ca.gov; **Ex. 6 Personal Privacy (PP)** charles.rigler@charleskochinstitute.org; julie@myairdistrict.com; salem.nevinve@epa.gov; ageorge@americanecotech.com; ivanka.stajner@noaa.gov; Stone, Susan [Stone.Susan@epa.gov]; kstricker.pechanga-nsn.gov [kstricker@pechanga-nsn.gov]; Julie Swift [julie.swift@erg.com]; **Ex. 6 Personal Privacy (PP)** **Ex. 6 Personal Privacy (PP)** ageorge@americanecotech.com; **Ex. 6 Personal Privacy (PP)** karintuxen@google.com; chumelsine@nctcog.org; **Ex. 6 Personal Privacy (PP)** vinson@sunlab.com; ifrantz@palatiribe.com; annie.huang@tricornetech.com; victoriawasem@gmail.com; Douglas.Watson@ks.gov; **Ex. 6 Personal Privacy (PP)** **Ex. 6 Personal Privacy (PP)** info@jjwilbur.com; info@jjwilbur.com; info@jjwilbur.com; mikew@ormantineusa.com; mikew@ormantineusa.com; **Ex. 6 Personal Privacy (PP)** Atkinson, Emily [Atkinson.Emily@epa.gov]; laura.hall@international.gc.ca; tarambrose@roundrocktexas.gov; kristin.zeise@envirosuite.com; mia@mzinsights.com; mayoub@hbku.edu.qa; dalrick@baaqmd.gov; jarno@airquality.org; Baghdikian, Christina [Baghdikian.Christina@epa.gov]; Baxter, Lisa [Baxter.Lisa@epa.gov]; Benedict, Kristen [Benedict.Kristen@epa.gov]; Andrea Boyer [andreab@nezperce.org]; doug.boyer@tceq.texas.gov; Brockman, Larry [Brockman.Larry@epa.gov]; greenaction@sustainablesandhills.org; Kevin Brundage [kfbundage@attain.com]; Cascio, Wayne [Cascio.Wayne@epa.gov]; Cascio, Wayne [Cascio.Wayne@epa.gov]; alexandra.catena@dc.gov; Chan, Alan [alan@sonomatech.com]; acox@capcog.org; scd3@cdc.gov; D'Angelo, Caroline C [dangelocc@state.gov]; Davis, Alison [Davis.Alison@epa.gov]; adam.deppe@wyo.gov; ranil.dhammapala@ecy.wa.gov; Dickerson, Phil [Dickerson.Phil@epa.gov]; Daniel.Dix@state.mn.us; Nyasha.Dunkley@dnr.ga.gov; Tim Dye [tim@tdenviro.com]; jessae@aqtreds.com; **Ex. 6** mark.estes@tceq.texas.gov; gentrycd@forsyth.cc; Gibson, Benjamin [gibson.benjamin@epa.gov]; anne.gobin@ct.gov; lgoomez@baaqmd.gov; hilary@sonomatech.com [Hilary@sonomatech.com]; ahoekzema@capcog.org; hoffmanl@sbcapcd.org; bholland@trinityconsultants.com; akh157@psu.edu; jdhunter@washoecounty.us; mhyilton@sonomatech.com; steve.irwin@state.mn.us; lasse.johansson@fmi.fi; lindsey.jones@tceq.texas.gov; cara.keslar@wyo.gov; Harold.W.Kohl@uth.tmc.edu; Mikko.Laakso@vaisala.com; plahm@fs.fed.us; jlam@airquality.org; Sabine.Lange@tceq.texas.gov; barry.lefer@nasa.gov; SharonL_cctexas.com [SharonL@cctexas.com]; Mebust, Anna [Mebust.Anna@epa.gov]; douglas.melnick@sanantonio.gov; Mintz, David [Mintz.David@epa.gov]; MMize@nctcog.org; Morales, Lourdes [Morales.Lourdes@epa.gov]; gmorris1@stedwards.edu; bradp@mdaqmd.ca.gov; apolidori@aqmd.gov; Kelly Poole [kpoole@ecos.org]; AProsterman@aacog.com; dralston@baaqmd.gov; Rappold, Ana [Rappold.Ana@epa.gov]; dsheehan@morpc.org; stephanie.shirley@tceq.texas.gov; ivanka.stajner@noaa.gov; SteichenT@api.org; Stone, Susan [Stone.Susan@epa.gov]; karintuxen@google.com; Victoria Wasem [vawasem@attain.com]; White, John [White.Johne@epa.gov]; White, John [White.Johne@epa.gov]; bwhite@morpc.org; ewinegar@exponent.com; weining.zhao@tceq.texas.gov; J-Zietsman@tti.tamu.edu; Zuco, Arthur [Zuco.Arthur@epa.gov]; Brockman, Larry [Brockman.Larry@epa.gov]; douglas.haugen@teledyne.com; jessica.mackaro@vaisala.com; amontz@dr-das.com; johnw@jjwilbur.com; diffusion@ormenviro.com; sfoor@cas-en.com; sfoor@cas-en.com; mcolombaro@environics.com; dbirdsall@aqmesh.us; rob.beckius@apis-aq.com; Elmore, Deborah

[Elmore.Deborah@epa.gov]; Brown, Ann [Brown.Ann@epa.gov]; tony.hansen@mageescientific.com; mprotteau@sonomatech.com; t.jackson@sabio.com; tony.czech@tsi.com; nsilva@americanecotech.com; ageorge@americanecotech.com; mhausmann@metone.com; steven.blair@aethlabs.com; hayden@twobtech.com; info@agilaire.com; sdrevik@agilaire.com; nsilva@americanecotech.com; jbrooks@envirosys.com; tpage.ext@bluedata-technologies.com; charles.brumfield@eaglered.com; btaylor@thelcotechnology.com; [Ex. 6 Personal Privacy (PP)] Kelly Poole [kpoole@ecos.org]; Steve_Sweeney@addesigns.com; jmstone@urgcorp.com; Josh@Sunlab.com; nwolf@MesaLabs.com; TStefanescu@trinityconsultants.com; christina.horner@thermofisher.com; Brown, Ann [Brown.Ann@epa.gov]; greenaction@sustainablesandhills.org; WChevalier@mbard.org; drd10@psu.edu; GAH@adem.alabama.gov; jdhunter@washoecounty.us; gmorris1@stedwards.edu; paprotny@uic.edu; cpena@envirosys.com; Wilkes, Chris [Wilkes.Chris@epa.gov]; [Ex. 6 Personal Privacy (PP)] C.McGeean@GASL.ca; Heather Reddick [heather.reddick@tceq.texas.gov]

Subject: NAQC Update!

We anticipate moving ahead with the conference pending expected resolution of the Federal funding situation later today. Safe travels!

--Phil

Message

From: Jacks, Susan [Jacks.Susan@epa.gov]
Sent: 6/19/2019 8:09:42 PM
To: Lee Fuller [lfuller@ipaa.org]
CC: Woods, Clint [woods.clint@epa.gov]
Subject: RE: IPAA Supplemental Materials on the Subpart OOOOa Reconsideration

Dear Lee,

You are confirmed for a 45 min meeting with Clint Woods on **Tuesday, July 16, at 1:00 PM.**
Directions and procedures to the William Jefferson Clinton Federal Building, North Entrance, 1200 Pennsylvania Avenue NW:

Metro: If you come by Metro get off at the Federal Triangle metro stop. Exit the metro station and go up two sets of escalators to the surface level and turn right. You will see a short staircase and wheelchair ramp leading to a set of glass doors with the EPA logo - that is the William Jefferson Clinton Federal Building, North Entrance.

Taxi: Direct the taxi to drop you off on 12th Street NW, between Constitution and Pennsylvania Avenues, at the elevator for the Federal Triangle metro stop - this is almost exactly half way between the two avenues on 12th Street NW. Facing the building with the EPA logo and American flags, walk toward the building and take the glass door on your right-hand side with the escalators going down to the metro on your left - that is the North Lobby of the William Jefferson Clinton building.

Security Procedures: A government issued photo id is required to enter the building and it is suggested you arrive 15 minutes early in order to be cleared and arrive at the meeting room on time. Upon entering the lobby, the meeting attendees will be asked to pass through security and provide a photo ID for entrance. If you are a foreign national entering on a non-US passport, please let us know in advance, as there is a separate clearance process.

Upon arrival, let the guards know that you were instructed to **call 202-564-7404** for a security escort. Please send me a list of participants in advance of the meeting and feel free to contact me should you need any additional information.

Many Thanks,

Susan Jacks

From: Lee Fuller <lfuller@ipaa.org>
Sent: Wednesday, June 19, 2019 3:50 PM
To: Jacks, Susan <Jacks.Susan@epa.gov>
Subject: Re: IPAA Supplemental Materials on the Subpart OOOOa Reconsideration

Meet there.

Sent from my iPhone

On Jun 19, 2019, at 3:45 PM, Jacks, Susan <Jacks.Susan@epa.gov> wrote:

I forgot to ask, Will you be meeting here or will this be a conference call.

Susan

From: Lee Fuller <lfuller@ipaa.org>
Sent: Wednesday, June 19, 2019 3:12 PM
To: Jacks, Susan <Jacks.Susan@epa.gov>
Subject: Re: IPAA Supplemental Materials on the Subpart OOOOa Reconsideration

How about Tuesday at 1:00 or 2:00 or Wednesday at 1:00?

Sent from my iPhone

On Jun 18, 2019, at 2:13 PM, Jacks, Susan <Jacks.Susan@epa.gov> wrote:

Hi Lee,

I can't believe this happened so fast. I apologize, but another meeting just got added to Clint's calendar on Wednesday that will take up the whole afternoon.

If none of the other times will work that week, the following are open for the week of July 15:

Monday, July 15 @ 11:00 am, and 1:00 or 3:00 pm
Tuesday, July 16 @ 10:00 or 11:00 am, and 1:00 or 2:00 pm
Wednesday, July 17 @ 11:00 am, and 1:00, 3:00 or 4:00 pm
Thursday, July 18 and Friday, July 19 are open

Susan

From: Lee Fuller <lfuller@ipaa.org>
Sent: Tuesday, June 18, 2019 1:48 PM
To: Jacks, Susan <Jacks.Susan@epa.gov>
Subject: RE: IPAA Supplemental Materials on the Subpart OOOOa Reconsideration

We'd like to grab the 1:00 PM on July 10.

Lee

From: Jacks, Susan <Jacks.Susan@epa.gov>
Sent: Tuesday, June 18, 2019 1:04 PM
To: Lee Fuller <lfuller@ipaa.org>
Subject: FW: IPAA Supplemental Materials on the Subpart OOOOa Reconsideration

Good Afternoon Lee,

The following times are presently available on Clint's calendar. Let me know if one of them will work for you;

Monday, July 8 @ 10:00 or 11:00 am, and 1:00, 3:00 pm, or 4:00 pm
Tuesday, July 9 @ 10:00 or 11:00 am, and 1:00, or 4:00 pm

Wednesday, July 10 @ 10:00 or 11:00 am, and 1:00 pm

Friday, July 12 is open

Thank you,

Susan

From: Woods, Clint

Sent: Monday, June 17, 2019 3:39 PM

To: Lee Fuller <lfuller@ipaa.org>

Cc: Idsal, Anne <idsal.anne@epa.gov>; Dominguez, Alexander <dominguez.alexander@epa.gov>; Jacks, Susan <Jacks.Susan@epa.gov>

Subject: RE: IPAA Supplemental Materials on the Subpart OOOOa Reconsideration

Lee,

Thanks so much! I've copied Susan Jacks, who may be able to help us find a good time in early July.

Clint

From: Lee Fuller <lfuller@ipaa.org>

Sent: Monday, June 17, 2019 3:25 PM

To: Woods, Clint <woods.clint@epa.gov>

Cc: Idsal, Anne <idsal.anne@epa.gov>; Dominguez, Alexander <dominguez.alexander@epa.gov>

Subject: IPAA Supplemental Materials on the Subpart OOOOa Reconsideration

Clint,

IPAA has submitted some additional materials to Subpart OOOOa docket regarding some specific issues related to low production wells and the alternative methods to measure emissions. These comments are largely written to address allegations made by the Joint Environmentalist Coalition. I have attached those comments along with the original IPAA comments submitted in December 2018.

We have met with the technical staff in North Carolina to discuss these issues. I would like to arrange a meeting with you and other EPA policy staff in Washington. I'd like to suggest a possible meeting during the weeks of July 8 or 15 when your schedule permits.

Thanks,

Lee Fuller

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 4/30/2019 6:04:11 PM
To: Matthew Hite [mhite@gpamidstream.org]
CC: Gunning, Paul [Gunning.Paul@epa.gov]; Ford, Sharon [Ford.Sharon@epa.gov]
Subject: Re: 2019-04-30 Draft Agenda GPA-EPA GHGRP Meeting

Matt - I'm running 5 mins behind, but feel free to start w/o me

On Apr 30, 2019, at 1:55 PM, Matthew Hite <mhite@gpamidstream.org> wrote:

Hi Sharon

Just wanted you to know that we are downstairs and cleared security. Just left you a voicemail. Thanks

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003

Ex. 6 Personal Privacy (PP)
mhite@gpamidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAMidstream.org

On Apr 29, 2019, at 2:06 PM, Gunning, Paul <Gunning.Paul@epa.gov> wrote:

Thanks Matt. Please give Sharon at call at Ex. 6 Personal Privacy (PP) Looking forward to seeing you tomorrow.

Paul

From: Matthew Hite <mhite@gpamidstream.org>
Sent: Monday, April 29, 2019 12:12 PM
To: Gunning, Paul <Gunning.Paul@epa.gov>; Woods, Clint <woods.clint@epa.gov>
Subject: 2019-04-30 Draft Agenda GPA-EPA GHGRP Meeting

Hi Paul and Clint,

Attached is our proposed agenda to discuss. Looking forward to our meeting tomorrow at 2 PM. Can you let me know who to ask for when we get to EPA?

Here is who will be attending on our end:

Matthew Hite	GPA Midstream staff
Charlotte Sawyer	GPA Midstream staff
Jaron Hill	Tap Stone Energy and GPA Midstream Environmental
Committee Chairman	
Melanie Roberts	Targa Resources
Aaron Flynn	GPA Midstream Outside Council with Hunton Andrews Kurth

Please let me know if you have any questions or need anything else from us.

Thanks

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003

Ex. 6 Personal Privacy (PP)
mhite@gpamidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

Follow us:



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Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 4/24/2019 3:24:41 PM
To: Lee Fuller [lfuller@ipaa.org]; Dominguez, Alexander [dominguez.alexander@epa.gov]
Subject: RE: VOC or Methane Rule

Lee,

If you have a second, feel free to give me a quick call today. Thanks!

Clint
202.564.6562

From: Lee Fuller <lfuller@ipaa.org>
Sent: Wednesday, April 24, 2019 11:21 AM
To: Woods, Clint <woods.clint@epa.gov>; Dominguez, Alexander <dominguez.alexander@epa.gov>
Subject: VOC or Methane Rule

Clint, Alex,

Rumors are flying about that EPA may be announcing something on the VOC instead of methane regulatory action. If something is happening, please put me on the list when it's announced.

Thanks,

Lee Fuller

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 4/1/2019 8:51:49 PM
To: Lee Fuller [lfuller@ipaa.org]; Dominguez, Alexander [dominguez.alexander@epa.gov]
Subject: RE: Federal Register Notice Related to Subpart 0000a

Lee,

Let me check- Thanks!

-----Original Message-----

From: Lee Fuller <lfuller@ipaa.org>
Sent: Monday, April 1, 2019 4:43 PM
To: Dominguez, Alexander <dominguez.alexander@epa.gov>; Woods, Clint <woods.clint@epa.gov>
Subject: Federal Register Notice Related to Subpart 0000a

A Federal Register notice was published about two weeks ago related to the Information Collection Request (ICR) that I thought was terminated from back in 2016. Can you let me know what this FR notice is about?

I'm getting some anxious calls and the deadline for comments is April 15.

Thanks,

Lee Fuller

Sent from my iPad

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 4/2/2019 2:51:23 PM
To: Smythe Anderson [AndersonS@api.org]
CC: Schwab, Justin [Schwab.Justin@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Shaffer, Patricia [Shaffer.Patricia@epa.gov]
Subject: Re: API Mtg Request

Smythe,

Thanks so much, and sorry for the delay. That sounds great - Any chance Friday the 8th or Monday the 12th might work? I think we would likely include a few reps from our Offices of General Counsel, Air Quality Planning and Standards, and Atmospheric Programs.

Clint

On Mar 28, 2019, at 12:40 PM, Smythe Anderson <AndersonS@api.org> wrote:

Clint and Justin –

On behalf of API's member companies, I would like to request a meeting at your earliest convenience to discuss our industry's position on EPA's regulation of methane. Would you have time in the next week or two to schedule this discussion? I expect to be joined by member company reps and defer to your judgment on who should be included from EPA.

Thanks in advance,

Smythe

Smythe Anderson

Director of Federal Relations

API | 200 Massachusetts Ave NW | Washington, DC 20001 | 202.682.8040 | M:

 AndersonS@api.org

<image001.png>

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 4/23/2018 8:42:21 PM
To: Hilary Moffett [moffetth@api.org]
Subject: RE: Meeting Attendees

Thanks so much!

Clint Woods
Deputy Assistant Administrator
Office of Air and Radiation, U.S. EPA
202.564.6562

From: Hilary Moffett [mailto:moffetth@api.org]
Sent: Monday, April 23, 2018 4:20 PM
To: Woods, Clint <woods.clint@epa.gov>
Subject: Meeting Attendees

Hi Clint,

We're looking forward to the meeting with you tomorrow at 1pm. The list of attendees is as follows:

Hilary Moffett
Ted Steichen
Kevin Medeiros
Khary Cauthen
Stephen Higley
Kate Fay
Puneet Verma
Dale Thanjan
Marnie Funk

Please let me know if you need anything else from me.

Thanks,
Hilary

Hilary Moffett
Director, Federal Relations
American Petroleum Institute
202-682-8040 (desk)

Ex. 6 Personal Privacy (PP)

 (cell)
MoffettH@api.org

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 8/30/2018 5:30:27 PM
To: Ted Steichen [SteichenT@api.org]
CC: Howard Feldman [Feldman@api.org]
Subject: Re: CFI - NAAQS Ozone

Thanks so much!

> On Aug 30, 2018, at 9:23 AM, Ted Steichen <SteichenT@api.org> wrote:
>
> Hi Clint,
>
> For your information, please see a copy of API comments filed to the docket on the Call for Information
- NAAQS Ozone.
>
> Section II provides suggestions on meeting the October 2020 schedule.
>
> If you or others at EPA would like to discuss our public input, please let me now.
>
> Thank you,
>
> Ted Steichen
> Ex. 6 Personal Privacy (PP)
> stecihent@api.org<mailto:stecihent@api.org>
>
>
> From: Ted Steichen
> Sent: Wednesday, August 29, 2018 4:40 PM
> To: Sasser, Erika (Sasser.Erika@epa.gov) <Sasser.Erika@epa.gov>
> Subject: CFI - NAAQS Ozone
>
>
> <CFI Ozone.pdf>
> <Exhibit A.pdf>
> <Exhibit B.pdf>
> <Exhibit C Embedded File.pdf>
> <Exhibit C.pdf>

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 5/16/2018 10:45:45 PM
To: Kathleen Sgamma [ksgamma@westernenergyalliance.org]
Subject: RE: Follow-Up to Our Meeting

Kathleen,

Thanks so much – The timing is perfect and I think we will be back in touch soon.

Clint Woods
Deputy Assistant Administrator
Office of Air and Radiation, U.S. EPA
202.564.6562

From: Kathleen Sgamma [mailto:ksgamma@westernenergyalliance.org]
Sent: Wednesday, May 16, 2018 3:34 PM
To: Woods, Clint <woods.clint@epa.gov>
Subject: Follow-Up to Our Meeting

Hello Clint,

Thank you so much for meeting with Western Energy Alliance a few weeks ago. To follow up the discussion on Subpart W, attached is a short document with a few suggested changes that could be made now to improve the ease of reporting as well as future rule improvements to consider. Could you please pass this on to Bill and the appropriate staff working on Subpart W? Thank you very much.

Kathleen Sgamma
President
Western Energy Alliance
1775 Sherman St., Suite 2700
Denver, CO 80203

Ex. 6 direct
(303) 623-0987 main
ksgamma@westernenergyalliance.org
westernenergyalliance.org
[@KathleenSgamma](#)

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Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 3/30/2018 3:28:32 PM
To: Hilary Moffett [moffetth@api.org]
CC: Atkinson, Emily [Atkinson.Emily@epa.gov]
Subject: RE: Meeting Request

Hilary,

Sorry for the delay – That would be great! I think we will have a lot more to share in the latter half of April, and I've copied Emily Atkinson who may be able to help us find a good date/time. We're happy to include the folks from OAQPS too if it would be helpful.

On a related front, earlier in the week we provided a memo with some updated modeling and potential flexibilities for states in developing good neighbor SIPs for the 2015 ozone NAAQS: <https://www.epa.gov/airmarkets/march-2018-memo-and-supplemental-information-regarding-interstate-transport-sips-2015>

Thanks!

Clint Woods
Deputy Assistant Administrator
Office of Air and Radiation, U.S. EPA
202.564.6562

From: Hilary Moffett [mailto:moffetth@api.org]
Sent: Wednesday, March 28, 2018 10:43 AM
To: Woods, Clint <woods.clint@epa.gov>
Subject: Meeting Request

Hi Clint,

I hope this email finds you well. It was great to see you at the RTR signing last week. I'm reaching out to see if you have some time for a meeting on ozone implementation. We visited with you back in January on exceptional events, international transport, and background ozone. We'd like to come back in and talk about efforts by the agency to address these issues and how we can be helpful. Do you have 30 minutes in the coming weeks to chat?

Thanks for your consideration!

Regards,
Hilary

Hilary Moffett
Director, Federal Relations
American Petroleum Institute

(desk)
(cell)
MoffettH@api.org

Ex. 6 Personal Privacy (PP)

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 2/13/2019 8:20:45 PM
To: Matthew Hite [mhite@gpamidstream.org]
CC: Harlow, David [harlow.david@epa.gov]
Subject: Re: Thank You

Matt - Thanks for the opportunity! Hope to be in touch soon on the couple items we discussed.

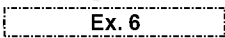
On Feb 12, 2019, at 11:26 AM, Matthew Hite <mhite@gpamidstream.org> wrote:

Hi Clint and David,

On behalf of GPA Midstream Association, I just wanted to say thank you again for stopping by to talk to our Environmental and Natural Resource Committees the other week. Our members found your presentation very informative and engaging. I know how busy you both are so thank you once again for your time and looking forward to catching up again.

Take care,

Matt

Matthew Hite
Vice President of Government Affairs
GPA Midstream Association
229 1/2 Pennsylvania, SE
Washington, DC 20003

mhite@gpamidstream.org

GPA Midstream Association Headquarters
Sixty Sixty American Plaza, Suite 700
Tulsa, Oklahoma 74135
www.GPAmidstream.org

Follow us:



<image002.jpg>

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 8/3/2018 12:37:20 AM
To: Ted Steichen [SteichenT@api.org]
CC: Howard Feldman [Feldman@api.org]; Hilary Moffett [moffetth@api.org]
Subject: Re: FRI 11AM Call

Got it - Looking forward to it. Thanks!

On Aug 2, 2018, at 5:58 PM, Ted Steichen <SteichenT@api.org> wrote:

Hi Clint,

I am making sure you have the number for our planned 11 AM tomorrow.

Conference call details:

Ex. 6 Personal Privacy (PP)

Ted Steichen

From: Woods, Clint <woods.clint@epa.gov>
Sent: Wednesday, August 1, 2018 12:18 PM
To: Ted Steichen <SteichenT@api.org>
Cc: Howard Feldman <Feldman@api.org>; Hilary Moffett <moffetth@api.org>
Subject: Re: CASAC Phone Call

Sounds great - Thanks!

On Aug 1, 2018, at 12:06 PM, Ted Steichen <SteichenT@api.org> wrote:

Thanks Clint,

If you don't mind let's plan for 11 AM on Friday, August 3rd. I'll see if Howard can breakaway from his West Coast vacation at that time to join (8AM his time). If I hear from him we can use a conference line, otherwise we can just handle it on a regular call. I'll finalize that and get back with you.

Thanks again,

Ted

From: Woods, Clint <woods.clint@epa.gov>
Sent: Wednesday, August 1, 2018 11:50 AM
To: Ted Steichen <SteichenT@api.org>
Cc: Howard Feldman <Feldman@api.org>; Hilary Moffett <moffetth@api.org>
Subject: Re: CASAC Phone Call

That sounds great - I'm on the road through Thursday, but maybe 10:00, 11:00, or 3:00 on Friday? Thanks!

On Aug 1, 2018, at 11:07 AM, Ted Steichen <SteichenT@api.org> wrote:

Hi Clint,

I am available anytime this week except 10-noon on Thursday. I can give you times next week if nothing works for you this week.

Thanks,

Ted

From: Hilary Moffett

Sent: Wednesday, August 1, 2018 11:04 AM

To: Woods, Clinton <woods.clinton@epa.gov>

Cc: Ted Steichen <SteichenT@api.org>; Howard Feldman <Feldman@api.org>

Subject: CASAC Phone Call

Hi Clint,

Per our conversation the other day, are you able to chat with Ted Steichen about the CASAC panel for ozone? We'd love to be helpful, but just wanted to clarify a few points.

I've cc'd him so you two can work out the best time. I'm out of pocket starting tomorrow, so don't let me get in your way!

Thanks,
Hilary

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 10/11/2018 10:20:12 AM
To: Kathleen Sgamma [ksgamma@westernenergyalliance.org]
Subject: Re: Follow-Up to Our Conversation

Kathleen,

Thanks so much for following up - I'm on the road most of next week but noon eastern on the 26th would work perfectly. I can plan to call you then.

Clint

On Oct 10, 2018, at 5:01 PM, Kathleen Sgamma <ksgamma@westernenergyalliance.org> wrote:

Hello Clint,

Could we set up a call as a follow-on to our conversation yesterday? If so, do you have 20 minutes within any of these timeframes, all Eastern? Thank you.

Wednesday, October 17th 9:00-12:00
Thursday, October 18th 9:00-2:00, 3:30 – 5:00
Friday, October 26th 9:00-3:00

Kathleen Sgamma
President
Western Energy Alliance
1775 Sherman St., Suite 2700
Denver, CO 80203
Ex. 6 Direct
(303) 623-0987 main
ksgamma@westernenergyalliance.org
westernenergyalliance.org
@KathleenSgamma

<image001.png>

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Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 3/13/2018 2:43:11 PM
To: Hilary Moffett [moffetth@api.org]
Subject: RE: Ozone Follow Up

Hilary,

Thanks so much – This is very helpful!

Clint Woods
Deputy Assistant Administrator
Office of Air and Radiation, U.S. EPA
202.564.6562

From: Hilary Moffett [mailto:moffetth@api.org]
Sent: Monday, March 12, 2018 11:57 AM
To: Woods, Clint <woods.clint@epa.gov>
Subject: Ozone Follow Up

Hi Clint,

I hope this email finds you well. During our meeting a few weeks ago, you mentioned an interest in more information about high bias monitors and studies on ozone transport. Please see the attached documents. One is a list of literature on ozone transport. The second attachment contains maps and data about high bias monitors.

Please let me know if you have questions.

Thanks,
Hilary

Hilary Moffett
Director, Federal Relations
American Petroleum Institute
202-682-8040 (desk)

Ex. 6 Personal Privacy (PP) (cell)

MoffettH@api.org

Message

From: Woods, Clinton [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 1/2/2018 5:57:28 PM
To: Hilary Moffett [moffetth@api.org]
Subject: RE: Meeting Request

Hilary,

Happy new year, and thanks so much for following up! We're cross-checking schedules but I think we can make the morning of 1/30 work. Emily Atkinson or myself should be in touch shortly on timing.

Clint Woods
Deputy Assistant Administrator
Office of Air and Radiation, U.S. EPA
202.564.6562

From: Hilary Moffett [mailto:moffetth@api.org]
Sent: Tuesday, January 2, 2018 12:53 PM
To: Woods, Clinton <woods.clinton@epa.gov>
Subject: RE: Meeting Request

Hi Clint,

Happy New Year! I hope you were able to take some time to rest and relax over the holidays. I'm sure you're digging through email, but just wanted to make sure you saw this response on meeting times. There is certainly no rush, but just wanted to make sure this didn't get buried.

Thanks,
Hilary

From: Hilary Moffett
Sent: Wednesday, December 20, 2017 1:06 PM
To: 'Woods, Clinton'
Subject: RE: Meeting Request

Thanks Clint.

On Tuesday 1/30 we could do anything in the morning before about 1. Could also do 330-5.
On Wednesday 1/31, we could do 1-4.
Does anything in there work?

Thanks,
Hilary

From: Woods, Clinton [mailto:woods.clinton@epa.gov]
Sent: Wednesday, December 20, 2017 10:50 AM
To: Hilary Moffett
Subject: RE: Meeting Request

Hilary,

Thanks so much, and it was great to meet you as well. That sounds great – Please let me know if there are some good dates/times the weeks of January 22 or 29 (for the latter, the early part of the week is better from my end) and we can get something set up.

Clint Woods
Deputy Assistant Administrator
Office of Air and Radiation, U.S. EPA
202.564.6562

From: Hilary Moffett [<mailto:moffetth@api.org>]
Sent: Wednesday, December 20, 2017 10:44 AM
To: Woods, Clinton <woods.clinton@epa.gov>
Subject: Meeting Request

Hi Clint,

I hope this email finds you well –great to meet you yesterday!! I didn't want to bombard you on your first week with a meeting request, so I waited until week 2!! I hope you're settling in nicely.

API would like to bring in a few member companies to talk about Ozone Implementation Assistance. Do you have some time the last week in January?

Thanks,
Hilary

Hilary Moffett
Director, Federal Relations
American Petroleum Institute
202-682-8040 (desk)
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MoffettH@api.org